Source: T1

Title: CR's to TS 34.123-2 v4.2.0 for creation of Rel-5 specification for

approval

Agenda item: 5.1.3

**Document for: Approval** 

This document contains 3 CRs to TS 34.123-2 v4.2.0 related to the creation of Rel-5 specification. These CRs have been agreed by T1 and are put forward to TSG T for approval.

These CRs were agreed by T1 conditionally to the approval of T2 CR 23.040-054 in TP-020104.

Spec	CR	Rev	Rel.	Subject	Cat	Version	Version	Doc-2nd-	Work	Remarks
						Current	-New	Level	item	
34.123-2	072			Section 4, Table 1: Addition of test of short message type 0 (16.1.6 & 16.2.6) Rel5	F	4.2.0	5.0.0	T1-020409	TEI	Rel-5
34.123-2	073		Rel-5	Creation of 34.123-2 REL-5	F	4.2.0	5.0.0	T1-020405	TEI	R99, Rel- 4, Rel-5
34.123-2	074		Rel-5	Inclusion of pointer to maintained specification	F	4.2.0	4.3.0	T1-020407	TEI	R99, Rel-4

CHANGE REQUEST									
<sup>♯</sup> TS 3⁴	4.123-2	CR <mark>073</mark>	жrev	<b>-</b> %	Current versi	on: <b>4.2.0</b>	#		
For <u>HELP</u> on us	For <u>HELP</u> on using this form, see bottom of this page or look at the pop-up text over the <b>%</b> symbols.								
Proposed change affects:   (U)SIM ME/UE X Radio Access Network Core Network									
Title: Ж	Creation of specification	f 34.123-2 REL ons	-5: Merging of	REL-5, R	EL-4 and R99	9 protocol test			
Source: #	Vodafone	D2 GmbH							
Work item code: ₩	TEI				Date: ₩	23.05.2002			
ı	Use <u>one</u> of th F (corre A (corre B (addi C (func D (edito Detailed expl	ne following cates ection) esponds to a contion of feature), tional modification orial modification anations of the a GPP TR 21.900.	rection in an ear on of feature) ) above categories		2 R96 R97 R98 R99 REL-4	Rel-5 the following relea (GSM Phase 2) (Release 1996) (Release 1997) (Release 1998) (Release 1999) (Release 4) (Release 5)	ses:		
Reason for change:	Speci WG1		ired. Since the	Protocol 7	Test Specifica	REL-5 Test ations of 3GPP 1 est Specification			
Summary of change	e:	on of reference	es to Release 5	, Deletion	of Annex B				
Consequences if not approved:		effort for the ma ess of the grou		he specific	cation, what v	vill slow down th	е		
Clauses affected:	₩ Front	Page, section	1, section 2						
Other specs affected:	X Tes	ner core specifi st specifications M Specification	S	3GPP T	S 34.123-1				
Other comments:	ж <mark></mark> ж								

# 3GPP TS 34.123-2 V4.25.0.0 (2002-0306)

Technical Specification

3rd Generation Partnership Project;
Technical Specification Group Terminal
User Equipment (UE) conformance specification;
Part 2: Implementation Conformance Statement (ICS)
proforma specification
(Release 45)



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

### Keywords

ICS, Mobile, UE, Terminal, Testing, UMTS

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## **Foreword**

This Technical Specification (TS) 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.

## Introduction

To evaluate conformance of a particular implementation, it is necessary to have a statement of which capabilities and options have been implemented for a telecommunication specification. Such a statement is called an Implementation Conformance Statement (ICS).

[9]

[10]

## 1 Scope

The present document provides the Implementation Conformance Statement (ICS) proforma for 3<sup>rd</sup> Generation User Equipment (UE), in compliance with the relevant requirements, and in accordance with the relevant guidance given in ISO/IEC 9646-7 [2] and ETS 300 406 [3].

The present document also specifies a recommended applicability statement for the test cases included in TS 34.123-1. These applicability statements are based on the features implemented in the UE.

Special conformance testing functions can be found in 3GPP TS 34.109 [45] and the common test environments are included in 3GPP TS 34.108 [44].

The present document is valid for UE implemented according to 3GPP Release 1999, or 3GPP Release 4 or 3GPP Release 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.

description, Stage 1".

- 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.
  - For a Release 1999 UE, references to 3GPP documents are to version 3.x.y, when available.
  - For a Release 4 UE, references to 3GPP documents are to version 4.x.y, when available.
  - For a Release 5 UE, references to 3GPP documents are to version 5.x.y, when available.

[1]	ISO/IEC 9646-1: "Information technology - Open systems interconnection - Conformance testing methodology and framework - Part 1: General concepts".
[2]	ISO/IEC 9646-7: "Information technology - Open systems interconnection - Conformance testing methodology and framework - Part 7: Implementation Conformance Statements".
[3]	ETSI ETS 300 406 (1995): "Methods for testing and Specification (MTS); Protocol and profile conformance testing specifications; Standardization methodology".
[4]	3GPP TR 21.904: "UE capability requirements".
[5]	3GPP TS 22.002: "Circuit Bearer Services (BS) supported by Public Land Mobile Network (PLMN)".
[6]	3GPP TS 22.003: "Circuit Teleservices supported by a Public Land Mobile Network (PLMN)".
[7]	3GPP TS 22.004: "General on Supplementary Services".
[8]	3GPP TS 22.042: "Network Identity and Timezone (NITZ); Service description, Stage 1".

3GPP TS 22.057: "Mobile Station Application Execution Environment (MExE); Service

3GPP TS 22.060: "General Packet Radio Service (GPRS); Service description, Stage 1".

[11]	3GPP TS 22.067: "enhanced Multi-Level Precedence and Pre-emption service (eMLPP) - Stage 1".
[12]	3GPP TS 22.071: "Location Services (LCS); Service description, Stage 1".
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[14]	3GPP TS 22.081: "Line identification Supplementary Services; Stage 1".
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[17]	3GPP TS 22.084: "MultiParty (MPTY) Supplementary Services - Stage 1".
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[20]	3GPP TS 22.087: "User-to-User signalling (UUS); Service description - Stage 1".
[21]	3GPP TS 22.088: "Call Barring (CB) Supplementary Services - Stage 1".
[22]	3GPP TS 22.090: "Unstructured Supplementary Service Data (USSD) - Stage 1".
[23]	3GPP TS 22.091: "Explicit Call Transfer (ECT)".
[24]	3GPP TS 22.093: "Completion of Calls to Busy Subscriber (CCBS); Service description, Stage 1".
[25]	3GPP TS 22.094: "Follow Me Service description; Stage 1".
[26]	3GPP TS 22.096: "Name identification supplementary services; Stage 1".
[27]	3GPP TS 22.097: "Multiple Subscriber Profile (MSP) Phase 1; Service description - Stage 1".
[28]	3GPP TS 22.105: "Services and Service Capabilities".
[29]	3GPP TS 24.008: "Mobile radio interface Layer 3 specification; Core Network Protocols - Stage 3".
[30]	3GPP TS 22.135: "Multicall; Service description; Stage 1".
[31]	3GPP TS 23.107: "Quality of Service (QoS) concept and architecture".
[32]	3GPP TS 25.201: "Physical layer - General Description".
[33]	3GPP TS 25.101: "UE radio Transmission and Reception (FDD)".
[34]	3GPP TS 25.102: "UTRA (UE) TDD; Radio Transmission and Reception".
[34a]	3GPP TS 25.306: "UE Radio Access Capabilities".
[35]	3GPP TS 25.321: "Medium Access Control (MAC) protocol specification".
[36]	3GPP TS 25.322: "Radio Link Control (RLC) protocol specification".
[37]	3GPP TS 25.323: "Packet Data Convergence Protocol (PDCP) specification".
[38]	3GPP TS 25.324: "Broadcast/Multicast Control BMC".
[39]	3GPP TS 25.331: "Radio Ressource Control (RRC) protocol specification".
[40]	Void
[41]	3GPP TS 26.071: "Mandatory Speech Codec speech processing functions - AMR Speech Codec - General Description".

[42]	3GPP TS 26.111: "Codec for circuit switched multimedia telephony service; Modifications to H.324"
[43]	3GPP TS 31.111: "USIM Application Toolkit (USAT)".
[44]	3GPP TS 34.108: "Common Test Environments for User Equipment (UE) Conformance Testing"
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[47]	3GPP TS 34.122: "Terminal Conformance Specification, Radio Transmission and Reception (TDD)".
[48]	3GPP TS 34.124: "ElectroMagnetic Compatibility (EMC) for Mobile terminals and ancillary equipment".
[49]	3GPP TS 34.123-1: "User Equipment (UE) conformance specification; Part 1: Protocol conformance specification".
[50]	3GPP TS 34.123-3: "User Equipment (UE) conformance specification; Part 3: Abstract Test Suites".
[51]	3GPP TS 22.001: "Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)".

[...]

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Other specs affected:	ж Х	Test	er core spec specification Specificat	ons	ж	3GI	PP T	S 34.123-1			
Other comments:	Ħ										

# 3GPP TS 34.123-2 V4.23.0 (2002-0306)

Technical Specification

3rd Generation Partnership Project;
Technical Specification Group Terminal
User Equipment (UE) conformance specification;
Part 2: Implementation Conformance Statement (ICS)
proforma specification
(Release 4)



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  - For a Release 1999 UE, references to 3GPP documents are to version 3.x.y, when available.
  - For a Release 4 UE, references to 3GPP documents are to version 4.x.y, when available.

[1]	(void)ISO/IEC 9646 1: "Information technology—Open systems interconnection—Conformance testing methodology and framework—Part 1: General concepts".
[2]	ISO/IEC 9646-7: "Information technology - Open systems interconnection - Conformance testing methodology and framework - Part 7: Implementation Conformance Statements".
[3]	ETSI ETS 300 406 (1995): "Methods for testing and Specification (MTS); Protocol and profile conformance testing specifications; Standardization methodology".
[4] to [43]	(void)
[4]	3GPP TR 21.904: "UE capability requirements".
[5]	3GPP TS 22.002: "Circuit Bearer Services (BS) supported by Public Land Mobile Network (PLMN)".
<del>[6]</del>	3GPP TS 22.003: "Circuit Teleservices supported by a Public Land Mobile Network (PLMN)".
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[47]	(void)3GPP TS 34.122: "Terminal Conformance Specification, Radio Transmission and Reception (TDD)".
[48]	(void)3GPP TS 34.124: "ElectroMagnetic Compatibility (EMC) for Mobile terminals and ancillary equipment".
[49]	3GPP TS 34.123-1: "User Equipment (UE) conformance specification; Part 1: Protocol conformance specification".
[50]	(void)3GPP TS 34.123 3: "User Equipment (UE) conformance specification; Part 3: Abstract Test Suites".
[51]	(void)3GPP TS 22.001: "Principles of circuit telecommunication services supported by a Public Land Mobile Network (PLMN)".
[52]	3GPP TS 34.123-2 version 5 (Release 5): "User Equipment (UE) Conformance Specification, Part 2 - Implementation Conformance Statement (ICS) proforma specification"

## 3 Definitions and abbreviations

(void)

### 3.1 Definitions

For the purposes of the present document, the following terms and definitions apply:

- terms defined in the relevant 3GPP core specifications (see normative references);
- terms defined in ISO/IEC 9646-1 [1] and in ISO/IEC 9646-7 [2].

In particular, the following terms defined in ISO/IEC 9646 1 [1] apply:

Implementation Conformance Statement (ICS): statement made by the supplier of an implementation or system claimed to conform to a given specification, stating which capabilities have been implemented

The ICS can take several forms: protocol ICS, profile ICS, profile specific ICS, information object ICS, etc.

ICS proforma: document, in the form of a questionnaire, which when completed for an implementation or system becomes an ICS

## 3.2 Abbreviations

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

<del>ICS</del>	Implementation Conformance Statement
	*
<del>SCS</del> ——	System Conformance Statement
HEHT	User Equipment Under Test
<del>ULU I</del>	Osci Equipment Onder Test

# 4 Recommended test case applicability Requirements

The requirements of the present document are provided in 3GPP TS 34.123-2 version 5 (Release 5) [52].

The applicability of each individual test is identified in the table 1. This is just a recommendation based on the purpose for which the test case was written.

The applicability of every test is formally expressed by the use of Boolean expression that are based on parameters (ICS) included in annex A of the present document.

The columns in table 1 have the following meaning:

#### Clause

The clause column indicates the clause number in TS 34.123 1 that contains the test body.

### **Title**

The title column describes the name of the test.

#### Release

The release column indicates the earliest release from which each testease is applicable, except if otherwise stated of an individual test case.

### **Applicability**

The following notations are used for the applicability column:

R recommended the test case is recommended

N/A not applicable in the given context, the test case is not recommended.

Ci conditional—the test is recommended ("R") or not ("N/A") depending on the support of other items. "i" is an integer identifying an unique conditional status expression which is defined immediately following the table. For nested conditional expressions, the syntax "IF ... THEN (IF ... THEN ... ELSE ..." is used to avoid ambiguities.

### Comments

This column contains a verbal description of the condition included in the applicability column.

**Table 1: Applicability of tests** 

Clause	Title Title	Release	<b>Applicability</b>	Comments
IDLE MODE				
6.1.1.1	PLMN selection of RPLMN, HPLMN, UPLMN and OPLMN; Manual mode	<del>R99</del>	C104	UEs supporting FDD and PLMN selection
			C209	UEs supporting TDD and PLMN selection
6.1.1.2	PLMN selection of "Other PLMN / access technology combinations"; Manual mode	<del>R99</del>	C104	UEs supporting FDD and PLMN selection
			C209	UEs supporting TDD and PLMN selection
6.1.1.3	PLMN selection; independence of RF level and preferred PLMN; Manual mode	<del>R99</del>	C104	UEs supporting FDD and PLMN selection
			C209	UEs supporting TDD and PLMN selection
6.1.1.4	PLMN selection of RPLMN, HPLMN, UPLMN and OPLMN; Automatic mode	<del>R99</del>	C104	UEs supporting FDD and PLMN selection
			C209	UEs supporting TDD and PLMN selection
6.1.1.5	PLMN selection of "Other PLMN / access technology combinations"; Automatic mode	<del>R99</del>	C104	UEs supporting FDD and PLMN selection

Clause	Title Title	Release	<b>Applicability</b>	Comments
			C209	UEs supporting TDD and PLMN selection
6.1.1.6	UE will transmit only if PLMN available	R99	C106	UEs supporting FDD and speech and emergency speech call
			C210	UEs supporting TDD and speech and emergency speech call
6.1.1.7	Cell reselection of ePLMN in manual mode	R99	<del>C01</del>	UEs supporting FDD
6.1.2.1	Cell reselection	<del>R99</del>	<del>C01</del>	UEs supporting FDD
			<del>C02</del>	UEs supporting TDD
6.1.2.2	Cell reselection using Qhyst, Qoffset and	<del>R99</del>	C01	UEs supporting FDD
0.1.2.2	Treselection	1100		•
			<del>C02</del>	UEs supporting TDD
<del>6.1.2.3</del>	HCS cell reselection	<del>R99</del>	<del>C01</del>	UEs supporting FDD
			<del>C02</del>	UEs supporting TDD
6.1.2.4	HCS cell reselection using reselection timing	R99	C01	UEs supporting FDD.
	parameters for the H criterion		<del>C02</del>	UEs supporting TDD
6.1.2.5	HCS Cell reselection using reselection timing	<del>R99</del>	<del>C01</del>	UEs supporting FDD
	parameters for the R criterion		<del>C02</del>	UEs supporting TDD
6.1.2.6	Emergency calls	R99	C04	UEs supporting FDD and emergency
<del>0.1.2.0</del>	Emergency cans	<del>1.99</del>		speech call
		200	C208	UEs supporting TDD and emergency speech call
6.1.2.7	Emergency calls; Intra-frequency cell "Not allowed"	<del>R99</del>	C106	UEs supporting FDD and speech and emergency speech call
			C210	UEs supporting TDD and speech and
			001	emergency speech call
6.1.2.8	Cell reselection: Equivalent PLMN	R99	C01	UEs supporting FDD
			<del>C02</del>	UEs supporting TDD
6.2.1.1	Selection of the correct PLMN and associated	<del>R99</del>	C105	UEs supporting FDD and GSM and
	RAT			PLMN selection
			<del>C50</del>	UEs supporting TDD and GSM and PLMN selection
6.2.1.2	Selection of RAT for HPLMN; Manual mode	<del>R99</del>	C105	UEs supporting FDD and GSM and PLMN selection
			<del>C50</del>	UEs supporting TDD and GSM and PLMN selection
6.2.1.3	Selection of RAT for UPLMN; Manual mode	<del>R99</del>	<del>C105</del>	UEs supporting FDD and GSM and PLMN selection
			<del>C50</del>	UEs supporting TDD and GSM and PLMN selection
6.2.1.4	Selection of RAT for OPLMN; Manual mode	<del>R99</del>	C105	UEs supporting FDD and GSM and PLMN selection
			<del>C50</del>	UEs supporting TDD and GSM and PLMN selection
6.2.1.5	Selection of "Other PLMN / access technology combinations"; Manual mode	R99	C105	UEs supporting FDD and GSM and PLMN selection
			C50	UEs supporting TDD and GSM and PLMN selection
6.2.1.6	Selection of RAT for HPLMN; Automatic mode	<del>R99</del>	C105	UEs supporting FDD and GSM and PLMN selection
			C50	UEs supporting TDD and GSM and
6.2.1.7	Selection of RAT for UPLMN; Automatic mode	<del>R99</del>	C105	PLMN selection UEs supporting FDD and GSM and
			C50	PLMN selection UEs supporting TDD and GSM and
6.2.1.8	Selection of RAT for OPLMN; Automatic mode	R99	C105	PLMN selection UEs supporting FDD and GSM and
			<del>C50</del>	PLMN selection UEs supporting TDD and GSM and
6.2.1.9	Selection of "Other PLMN / access technology	<del>R99</del>	C105	PLMN selection UEs supporting FDD and GSM and
	combinations"; Automatic mode		C50	PLMN selection UEs supporting TDD and GSM and
0.004	Oall mandaging Washing to 1	Doo	005	PLMN selection
6.2.2.1	Cell reselection if cell becomes barred or S<0;	<del>R99</del>	C05	UEs supporting FDD and GSM
	UTRAN to GSM		C56	UEs supporting TDD and GSM
6.2.2.2	Cell reselection if cell becomes barred or	R99	C05	UEs supporting FDD and GSM
	C1<0; GSM to; UTRAN		<del>C56</del>	UEs supporting TDD and GSM
6.2.2.3	Cell reselection timings; GSM to UTRAN	R99	C05	UEs supporting FDD and GSM
			<del>C56</del>	UEs supporting TDD and GSM
LAYER 2		_		L
<del>7.1.1.1</del>	CCCH mapped to RACH/FACH / Invalid TCTF	<del>R99</del>	R	All UEs

Clause	Title	Release	Applicability	Comments
7.1.1.2	DTCH or DCCH mapped to RACH/FACH / Invalid TCTF	R99	R	All UEs
7.1.1.3	DTCH or DCCH mapped to RACH/FACH / Invalid C/T Field	R99	R	All UEs
7.1.1.4	DTCH or DCCH mapped to RACH/FACH / Invalid UE ID Type Field	R99	R	All UEs
7.1.1.5	DTCH or DCCH mapped to RACH/FACH / Incorrect UE-ID	R99	R	All UEs
7.1.1.6	DTCH or DCCH mapped to DSCH or USCH	R99	[FFS]	UEs supporting DSCH and/or USCH
7.1.1.7	DTCH or DCCH mapped to CPCH	R99	[FFS]	UEs supporting CPCH
<del>7.1.1.8</del>	DTCH or DCCH mapped to DCH / Invalid C/T Field	<del>R99</del>	R	All UEs
7.1.2.1.1	Selection and control of Power Level (FDD)	R99	C01	UEs supporting FDD
7.1.2.1.2	Selection and control of Power Level (3.84 Mcps TDD option)	<del>R99</del>	[FFS]	[FFS]
7.1.2.1.3	Selection and control of Power Level (1.28 Mcps TDD option)	Rel-4	<del>C03</del>	UEs supporting 1.28 Mcps TDD (LCR TDD)
7.1.2.2.1	Correct application of Dynamic Persistence (FDD)	<del>R99</del>	<del>C01</del>	UEs supporting FDD
7.1.2.2.2	Correct application of Dynamic Persistence (3.84 TDD Mcps option)	<del>R99</del>	[FFS]	[FFS]
7.1.2.2.3	Correct application of Dynamic Persistence (1.28 TDD Mcps option)	Rel-4	C03	UEs supporting 1.28 Mcps TDD (LCR TDD)
7.1.2.3.1	Correct Selection of RACH parameters (FDD)	R99	C01	UEs supporting FDD
7.1.2.3.2	Correct Selection of RACH parameters (3.84 Mcps TDD option)	<del>R99</del>	[FFS]	[FFS]
7.1.2.3.3	Correct Selection of RACH parameters (1.28 Mcps TDD option)	Rel-4	<del>C01</del>	UEs supporting 1.28 Mcps TDD (LCR TDD)
7.1.2.4	Correct Detection and Response to FPACH (1.28 Mcps TDD option)	Rel-4	<del>C03</del>	UEs supporting 1.28 Mcps TDD option (LCR TDD)
<del>7.1.2.4a</del>	Access Service class selection for RACH transmission	R99	[FFS]	[FFS]
<del>7.1.2.5</del>	Control of RACH transmissions for FDD mode	R99	[FFS]	[FFS]
7.1.3.1	Priority handling between data flows of one UE	<del>R99</del>	<del>[FFS]</del>	[FFS]
7.1.4.1	Control of CPCH transmissions for FDD	R99	[FFS]	UEs supporting CPCH
7.2.1.1	RLC testing / Transparent mode / Segmentation and reassembly	<del>R99</del>	R	All UEs
7.2.2.2	UM RLC / Segmentation and reassembly / Selection of 7 or 15 bit Length Indicators	<del>R99</del>	R	All UEs
7.2.2.3	UM-RLC / Segmentation / 7-bit Length Indicators / Padding	<del>R99</del>	R	All UEs
7.2.2.4	UM-RLC / Segmentation / 7-bit Length Indicators / LI = 0	<del>R99</del>	R	All UEs
7.2.2.5	UM RLC / Segmentation / 7-bit Length Indicators / Invalid LI value	<del>R99</del>	R	All UEs
<del>7.2.2.6</del>	UM-RLC / Segmentation / 7-bit Length Indicators / LI value > PDU	<del>R99</del>	R	All UEs
7.2.2.7	UM RLC / Segmentation / 7-bit Length Indicators / First data octet LI	<del>R99</del>	R	All UEs
7.2.2.8	UM-RLC / Segmentation / 15-bit Length Indicators / Padding	<del>R99</del>	R	All UEs
7.2.2.9	UM-RLC / Segmentation / 15-bit Length Indicators / LI = 0	R99	R	All UEs
7.2.2.10	UM RLC / Segmentation / 15-bit Length Indicators / One octet short LI	R99	R	All UEs
7.2.2.11	UM RLC / Segmentation / 15-bit Length Indicators / Invalid LI value	<del>R99</del>	R	All UEs
7.2.2.12	UM RLC / Segmentation / 15-bit Length Indicators / LI value > PDU size	R99	R	All UEs
7.2.2.13	UM RLC / Segmentation / 15-bit Length Indicators / First data octet LI	<del>R99</del>	R	All UEs
7.2.3.2	AM RLC / Segmentation and reassembly / Selection of 7 or 15 bit Length Indicators	<del>R99</del>	R	All UEs
7.2.3.3	AM RLC / Segmentation / 7-bit Length Indicators / Padding	<del>R99</del>	R	All UEs
7.2.3.4	AM RLC / Segmentation / 7-bit Length Indicators / LI = 0	<del>R99</del>	R	All UEs
7.2.3.5	AM RLC / Segmentation / 7-bit Length Indicators / Reserved LI value	<del>R99</del>	R	All UEs
<del>7.2.3.6</del>	AM RLC / Segmentation / 7-bit Length Indicators / LI value > PDU	<del>R99</del>	R	All UEs

Clause	Title	Release	Applicability	Comments
7.2.3.7	AM RLC / Segmentation / 15-bit Length Indicators / Padding or Piggy-backed Status	<del>R99</del>	R	All UEs
7.2.3.8	AM RLC / Segmentation / 15-bit Length Indicators / LI = 0	<del>R99</del>	R	All UEs
7.2.3.9	AM RLC / Segmentation / 15-bit Length	R99	R	All UEs
7.2.3.10	Indicators / One octet short LI AM RLC / Segmentation / 15-bit Length	R99	R	All UEs
7.2.3.11	Indicators / Reserved LI value  AM RLC / Segmentation / 15-bit Length	<del>R99</del>	R	All UEs
7.2.3.12	Indicators / LI value > PDU size  AM RLC / Correct use of Sequence	<del>R99</del>	R	All UEs
	Numbering  AM RLC / Control of Transmit Window			
7.2.3.13 7.2.3.14	AM RLC / Control of Transmit Window  AM RLC / Control of Receive Window	R99 R99	R R	All UEs All UEs
7.2.3.14 7.2.3.15	AM RLC / Polling for status / Last PU in	R99	R	All UEs
	transmission queue			
<del>7.2.3.16</del>	AM RLC / Polling for status / Last PU in retransmission queue	<del>R99</del>	R	All UEs
<del>7.2.3.17</del>	AM RLC / Polling for status / Poll every Poll_PU PUs	<del>R99</del>	R	All UEs
7.2.3.18	AM RLC / Polling for status / Poll every Poll_SDU SDUs	R99	R	All-UEs
7.2.3.19	AM RLC / Polling for status / Timer triggered polling (Timer_Poll_Periodic)	<del>R99</del>	R	All UEs
7.2.3.20	AM RLC / Polling for status / Polling on Poll_Window% of transmission window	<del>R99</del>	R	All UEs
7.2.3.21	AM RLC / Polling for status / Operation of Timer_Poll timer / Timer expiry	<del>R99</del>	R	All UEs
7.2.3.22	AM RLC / Polling for status / Operation of Timer_Poll timer / Stopping Timer_Poll timer	R99	R	All UEs
7.2.3.23	AM RLC / Polling for status / Operation of Timer_Poll timer / Restart of the Timer_Poll timer	<del>R99</del>	R	All UEs
7.2.3.24	AM RLC / Polling for status / Operation of timer Timer Poll Prohibit	<del>R99</del>	R	All UEs
7.2.3.25	AM RLC / Receiver Status Triggers / Detection of missing PUs	R99	R	All UEs
7.2.3.26	AM RLC / Receiver Status Triggers / Operation of timer Timer_Status_Periodic	<del>R99</del>	R	All UEs
7.2.3.27	AM RLC / Receiver Status Triggers / Operation of timer Timer_Status_Prohibit	<del>R99</del>	R	All UEs
7.2.3.28	AM RLC / Status reporting / Abnormal conditions / Reception of LIST SUFI with Length set to zero	<del>R99</del>	R	All-UEs
7.2.3.29	AM RLC / Timer based discard, with explicit signalling / Expiry of Timer Discard	<del>R99</del>	R	All-UEs
<del>7.2.3.29a</del>	AM RLC /-Timer based discard, with explicit signalling / Expiry of Timer_Discard when Timer_STATUS_prohibit is active	<del>R99</del>	R	All UEs
7.2.3.30	AM RLC / Timer based discard, with explicit signalling / Obsolete MRW_ACK	R99	R	All UEs
7.2.3.31	AM RLC / Timer based discard, with explicit signalling / Failure of MRW procedure	<del>R99</del>	R	All UEs
7.2.3.32	AM RLC / SDU discard after MaxDAT number of retransmissions	<del>R99</del>	R	All UEs
7.2.3.33	AM RLC / Operation of the RLC Reset procedure / UE Originated	<del>R99</del>	R	All UEs
7.2.3.34	AM RLC / Operation of the RLC Reset procedure / UE Terminated	<del>R99</del>	R	All UEs
7.3.2.1.1	IP Header Compression and PID assignment / UE in RLC AM / Transmission of uncompressed Header	<del>R99</del>	C12	UE supporting PS

Clause	Title	Release	Applicability	Comments
7.3.2.1.2	IP Header Compression and PID assignment / UE in RLC AM / Transmission of compressed Header	<del>R99</del>	C213	UE-supporting PS and IP Header Compression protocol IETF RFC 2507
7.3.2.2.1	IP Header Compression and PID assignment / UE in RLC UM / Transmission of uncompressed Header	<del>R99</del>	<del>C12</del>	UE supporting PS
7.3.2.2.2	IP Header Compression and PID assignment / UE in RLC UM / Transmission of compressed Header	<del>R99</del>	C213	UE supporting PS and IP Header Compression protocol IETF RFC 2507
7.3.2.2.3	IP Header Compression and PID assignment / UE in RLC UM / Extension of used compression methods	<del>R99</del>	<del>C213</del>	UE supporting PS and IP Header Compression protocol IETF RFC 2507
7.3.2.2.4	IP Header Compression and PID assignment / UE in RLC UM / Compression type used for different entities	R99	C214	UE supporting PS, IP Header Compression protocol IETF RFC 2507 and establishment of more than one PDCP entities supporting two radio bearer RLC AM and RLC UM as defined in this test case
7.3.2.2.5	IP Header Compression and PID assignment / UE in RLC UM / Reception of not defined PID values	<del>R99</del>	<del>C213</del>	UE supporting PS and IP Header Compression protocol IETF RFC 2507
7.3.3.1	PDCP sequence numbering when lossless SRNS Relocation / Data transmission if lossless SRNS Relocation is supported	<del>R99</del>	C215	UE supporting PS, IP Header Compression protocol IETF RFC 2507 and lossless SRNS relocation
7.3.3.2	PDCP sequence numbering when lossless SRNS Relocation / Synchronisation of PDCP sequence numbers	<del>R99</del>	<del>C215</del>	UE supporting PS, IP Header Compression protocol IETF RFC 2507 and lossless SRNS relocation
7.4.2.1	General BMC message reception / UE in Idle mode	<del>R99</del>	C216	UE supporting PS, BMC and CBS
7.4.2.2	General BMC message reception / UE in RRC connected mode, state CELL_PCH	<del>R99</del>	C216	UE supporting PS, BMC and CBS
7.4.2.3	General BMC message reception / UE in RRC connected mode, state URA_PCH	<del>R99</del>	C216	UE supporting PS, BMC and CBS
7.4.2.4	General BMC message reception / UE in Idle mode (ANSI-41 CB-data)	<del>R99</del>	<del>C217</del>	UE supporting PS, BMC and ANSI-41 CB data
7.4.2.5	General BMC message reception / UE in RRC connected mode, state CELL_PCH (ANSI-41 CB data)	<del>R99</del>	G217	UE-supporting PS, BMC and ANSI-41 CB-data
<del>7.4.2.6</del>	General BMC message reception / UE in RRC connected mode, state URA_PCH (ANSI-41 CB data)	<del>R99</del>	G217	UE supporting PS, BMC and ANSI-41 CB-data
7.4.3.1	Reception of certain CBS message types	R99	C218	UE supporting PS, BMC, CBS and BMC DRX Scheduling
RADIO RES	OURCE CONTROL			
8.1.1.1	RRC / Paging for Connection in idle mode	<del>R99</del>	C01 C02	UEs supporting FDD. UEs supporting 3.84 Mcps TDD option
8.1.1.2	RRC / Paging for Connection in connected	R99	C06	or 1.28 Mcps TDD option.  UEs supporting FDD and supporting
	mode (CELL_PCH)		<del>C52</del>	PS-bearer service.  UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.1.1.3	RRC / Paging for Connection in connected mode (URA_PCH)	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.1.1.4	RRC / Paging for Notification in idle mode	<del>R99</del>	C01 C02	UEs supporting FDD. UEs supporting 3.84 Mcps TDD option
8.1.1. <del>5</del>	RRC / Paging for Notification in connected	<del>R99</del>	<del>C06</del>	or 1.28 Mcps TDD option.  UEs supporting FDD and supporting
	mode (CELL_PCH)		C52	PS bearer service.  UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.1.1.6	RRC / Paging for Notification in connected mode (URA_PCH)	R99	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
	, - ,		C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.1.1.7	RRC / Paging for Connection in connected	<del>R99</del>	<del>C01</del>	UEs supporting FDD.
	mode (CELL_DCH)		<del>C02</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.

Clause	Title	Release	Applicability	Comments
8.1.1.8	RRC / Paging for Connection in connected mode (CELL_FACH)	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
			<del>C52</del>	UEs supporting 3.84 Mcps TDD optio or 1.28 Mcps TDD option and supporting PS bearer service.
8.1.2.1	RRC / RRC Connection Establishment in	R99	<del>C01</del>	UEs supporting FDD.
<u>.</u>	CELL_DCH state: Success		C02	UEs supporting 3.84 Mcps TDD optio or 1.28 Mcps TDD option.
8.1.2.2	RRC / RRC Connection Establishment:	R99	<del>C01</del>	UEs supporting FDD.
	Success after T300 timeout		<del>C02</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.1.2.3	RRC / RRC Connection Establishment:	R99	C01	UEs supporting FDD.
	Failure (V300 is greater than N300)		<del>C02</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.1.2.4	RRC / RRC Connection Establishment: Reject	<del>R99</del>	<del>C01</del>	UEs supporting FDD.
	("wait time" is not equal to 0)		<del>C02</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.1.2. <del>5</del>	RRC / RRC Connection Establishment: Reject	<del>R99</del>	<del>C01</del>	UEs supporting FDD.
	("wait time" is not equal to 0 and V300 is greater than N300)		<del>C02</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.1.2.6	RRC / RRC Connection Establishment: Reject	<del>R99</del>	<del>C01</del>	UEs supporting FDD.
0.1.2.0	("wait time" is set to 0)	1100	<del>C02</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.1.2.7	RRC / RRC Connection Establishment in	<del>R99</del>	<del>C01</del>	UEs supporting FDD.
0.1.2.7	CELL_FACH state: Success	Noo	C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.1.2.8	Void			1 - 1 - 2 - 2
8.1.2.9	RRC / RRC Connection Establishment: Success after Physical channel failure and	<del>R99</del>	<del>C01</del>	UEs supporting FDD.
8.1.3.1	Invalid configuration  RRC / RRC Connection Release in	R99	C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.  UEs supporting FDD.
0.1.3.1	CELL_DCH state: Successful	<del>r.vv</del>	C01 C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.1.3.2	RRC / RRC Connection Release using on	R99	C01	UEs supporting FDD.
0.1.0.2	DCCH in CELL_FACH state: Successful	1100	<del>C02</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.1.3.3	RRC / RRC Connection Release using on	<del>R99</del>	<del>C01</del>	UEs supporting FDD.
0.1.0.0	CCCH in CELL_FACH state: Failure	1100	C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.1.3.4	RRC / RRC Connection Release in	R99	C01	UEs supporting FDD.
	CELL_FACH state: Failure		<del>C02</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.1.3. <del>5</del>	RRC / RRC Connection Release in	R99	<del>C01</del>	UEs supporting FDD.
	CELL_FACH state: Invalid message		<del>C02</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.1.5.1	RRC / UE Capability in CELL_DCH state:	<del>R99</del>	<del>C01</del>	UEs supporting FDD.
	Success		<del>C02</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
<del>8.1.5.2</del>	RRC / UE Capability in CELL_DCH state:	<del>R99</del>	<del>C01</del>	UEs supporting FDD.
	Success after T304 timeout		C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.1.5.3	RRC / UE Capability in CELL_DCH state:	R99	<del>C01</del>	UEs supporting FDD.
	Failure (After N304 re-transmissions)		<del>C02</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.1.5.4	RRC / UE Capability in CELL_FACH state: Success	<del>R99</del>	C06	UEs supporting FDD and supporting PS bearer service.
			<del>C52</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.1.5.5	RRC / UE Capability in CELL_FACH state:	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting
	Success after T304 timeout		<del>C52</del>	PS bearer service.  UEs supporting 3.84 Mcps TDD option and account of the service and account of the
				or 1.28 Mcps TDD option and supporting PS bearer service.
8.1.6.1	Direct Transfer in CELL_DCH state (invalid message reception and no signalling	R99	<del>C01</del>	UEs supporting FDD.
	connection exists)		<del>C02</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.1.6.2	Direct Transfer in CELL_FACH state (invalid message reception and no signalling connection exists)	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.

Clause	Title	Release	Applicability	Comments
			C52	UEs supporting 3.84 Mcps TDD optior or 1.28 Mcps TDD option and supporting PS bearer service.
8.1.7.1	RRC / Security mode control in CELL_DCH state	<del>R99</del>	<del>C07</del>	UEs supporting FDD and supporting UMTS Encryption Algorithm UEA1.
	State		<del>C53</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting UMTS Encryption Algorithm UEA1.
<del>8.1.7.2</del>	RRC / Security mode control in CELL_FACH state	<del>R99</del>	C42	UEs supporting FDD and supporting PS bearer service and supporting UMTS Encryption Algorithm UEA1.
			C54	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service and supporting UMTS Encryption Algorithm UEA1.
8.1.8.1	RRC / Counter check in CELL_DCH state	R99	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD optior or 1.28 Mcps TDD option and supporting PS bearer service.
8.1.8.2	RRC / Counter check in CELL_FACH state	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.1.9	RRC / Signalling Connection Release	<del>R99</del>	<del>C01</del>	UEs supporting FDD.
	Request		C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option.
8.1.10.1	Dynamic change of segmentation, concatenation & scheduling and handling of unsupported information blocks	R99	C01	UEs supporting FDD
8.2.1.1	RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH:	<del>R99</del>	C01	UEs supporting FDD.
	Success		<del>C02</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.1.2	Void	D00	004	
8.2.1.3	RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH: Failure (Unsupported configuration)	<del>R99</del>	C01 C02	UEs supporting FDD.  UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.1.4	RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH:	R99	C01	UEs supporting FDD.
	Failure (Physical channel Failure and successful reversion to old configuration)		<del>C02</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.1.5	RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH:	<del>R99</del>	<del>C01</del>	UEs supporting FDD.
	Failure (Physical channel Failure and reversion failure)		<del>C02</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.1.6	RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH:	<del>R99</del>	<del>C01</del>	UEs supporting FDD.
	Failure (Incompatible simultaneous configuration)		<del>C02</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.1.7	RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH:	R99	<del>C01</del>	UEs supporting FDD.
	Failure (Invalid message reception and invalid configuration)		<del>C02</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.1.8	RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_FACH:	R99	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
	Success		C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.1.9	RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_FACH: Success (Cell re-selection)	<del>R99</del>	C06 C52	UEs supporting FDD and supporting PS bearer service. UEs supporting 3.84 Mcps TDD option
			₩	or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.1.10	RRC / Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Success	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.

Clause	Title	Release	Applicability	Comments
			<del>C52</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.1.11	RRC / Radio Bearer Establishment for transition from CELL FACH to CELL DCH:	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
	Failure (Unsupported configuration)		C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.1.12	RRC / Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Failure (Physical channel Failure and	<del>R99</del>	C06 C52	UEs supporting FDD and supporting PS bearer service. UEs supporting 3.84 Mcps TDD option
	successful reversion to old configuration)			or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.1.13	RRC / Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH:	<del>R99</del>	C06	UEs supporting FDD and supporting PS bearer service.
	Failure (Physical channel Failure and reversion failure)		<del>C52</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.1.14	RRC / Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Failure (Incompatible simultaneous	R99	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
	reconfiguration)		<del>C52</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.1.15	RRC / Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH:	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
	Failure (Invalid message reception and invalid configuration)		C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.1.16	RRC / Radio Bearer Establishment for transition from CELL_FACH to CELL_FACH:	R99	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
	Success		C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.1.17	RRC / Radio Bearer Establishment for transition from CELL_DCH to CELL_DCH:	<del>R99</del>	<del>C01</del>	UEs supporting FDD and supporting PS bearer service.
	Success (Subsequently received )		<del>C02</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.1.18	RRC / Radio Bearer Establishment for transition from CELL_FACH to CELL_DCH: Success (Subsequently received)	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
	Success (Subsequentity received)		C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.1.19	RRC / Radio Bearer Establishment from CELL_DCH to CELL_PCH: Success	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
			<del>C52</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.1.20	RRC / Radio Bearer Establishment from CELL_DCH to URA_PCH: Success	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
			<del>C52</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.2.1	RRC / Radio Bearer Reconfiguration (Hard Handover) from CELL_DCH to CELL_DCH:	R99	<del>C01</del>	UEs supporting FDD.
	Success		<del>C02</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.2.2	RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Failure	<del>R99</del>	C01 C02	UEs supporting FDD.  UEs supporting 3.84 Mcps TDD option
<del>8.2.2.3</del>	(Unsupported configuration)  RRC / Radio Bearer Reconfiguration from	R99	C01	or 1.28 Mcps TDD option  UEs supporting FDD.
	CELL_DCH to CELL_DCH: Failure (Physical channel failure and reversion to old configuration)		<del>C02</del>	UEs supporting 3.84 Mcps TDD option
8.2.2.4	RRC / Radio Bearer Reconfiguration from	<del>R99</del>	<del>C01</del>	or 1.28 Mcps TDD option  UEs supporting FDD.
	CELL_DCH to CELL_DCH: Failure (Physical channel failure and reversion failure)		<del>C02</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.2.5	RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Failure	<del>R99</del>	<del>C01</del>	UEs supporting FDD.
	(Incompatible simultaneous reconfiguration)		<del>C02</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option

Clause	Title	Release	Applicability	Comments
8.2.2.6	RRC / Radio Bearer Reconfiguration from	<del>R99</del>	C01	UEs supporting FDD.
	CELL_DCH to CELL_DCH: Failure (Invalid message reception and invalid configuration)		<del>C02</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.2.7	RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_DCH: Success	<del>R99</del>	C01	UEs supporting FDD.
	(Continue and stop)		<del>C02</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.2.8	RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_FACH: Success	<del>R99</del>	<del>C06</del>	UEs supporting FDD and
	GELL_DOT TO CELL_FACTI. 3000955		<del>C52</del>	supporting PS bearer service.  UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.2.9	RRC / Radio Bearer Reconfiguration from CELL_DCH to CELL_FACH: Success (Cell re-	<del>R99</del>	<del>C06</del>	UEs supporting FDD and
	selection)		<del>C52</del>	supporting PS bearer service.  UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and
8.2.2.10	RRC / Radio Bearer Reconfiguration from	R99	<del>C06</del>	supporting PS bearer service.  UEs supporting FDD and
	CELL_FACH to CELL_DCH: Success			supporting PS bearer service.
			<del>C52</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.2.11	RRC / Radio Bearer Reconfiguration from CELL_FACH to CELL_DCH: Failure	R99	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
	(Unsupported configuration)		C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.2.12	RRC / Radio Bearer Reconfiguration from CELL_FACH to CELL_DCH: Failure (Physical	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
	channel failure and successful reversion to old configuration)		C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.2.13	RRC / Radio Bearer Reconfiguration from CELL_FACH to CELL_DCH: Failure (Physical	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
	channel failure and reversion failure)		C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.2.14	RRC / Radio Bearer Reconfiguration from CELL FACH to CELL DCH: Failure	<del>R99</del>	<del>C06</del>	UEs supporting FDD and
	(Incompatible simultaneous reconfiguration)		C52	upporting PS bearer service.  UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.2.15	RRC / Radio Bearer Reconfiguration from CELL_FACH to CELL_DCH: Failure (Invalid	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
	message reception and invalid configuration)		<del>C52</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and
8.2.2.16	Void			supporting PS bearer service.
8.2.2.17	RRC / Radio Bearer Reconfiguration from CELL_FACH to CELL_FACH: Success	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.2.18	RRC / Radio Bearer Reconfiguration from CELL_FACH to CELL_FACH: Success (Cell	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
	re-selection)		<del>C52</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and
8.2.2.19	RRC / Radio Bearer Reconfiguration from	<del>R99</del>	<del>C01</del>	supporting PS bearer service.  UEs supporting FDD.
	CELL_DCH to CELL_DCH: Success (Subsequently received)		<del>C02</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.2.20	RRC / Radio Bearer Reconfiguration from CELL_FACH to CELL_DCH: Success (	R99	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
	Subsequently received )		<del>C52</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and
8.2.2.21	RRC / Radio Bearer Reconfiguration from	R99	C06	supporting PS bearer service.  UEs supporting FDD and
1	CELL_DCH to CELL_PCH: Success			supporting PS bearer service.

Clause	Title	Release	Applicability	Comments
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.2.22	CELL_DCH to URA_PCH: Success	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
			<del>C52</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.2.23	RRC / Radio Bearer Reconfiguration from CELL_FACH to CELL_PCH: Success	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
			<del>C52</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.2.24	RRC / Radio Bearer Reconfiguration from CELL_FACH to URA_PCH: Success	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.3.1	RRC / Radio Bearer Release for transition	R99	C01	UEs supporting FDD.
	from CELL_DCH to CELL_DCH: Success		C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.3.2	RRC / Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Failure	<del>R99</del>	<del>C01</del>	UEs supporting FDD.
	(Unsupported configuration)		C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.3.3	RRC / Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Failure	<del>R99</del>	<del>C01</del>	UEs supporting FDD.
	(Physical channel failure and reversion to old configuration)		<del>C02</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.3.4	RRC / Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Failure	<del>R99</del>	C01	UEs supporting FDD.
	(Physical channel failure and reversion failure)		<del>C02</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.3. <del>5</del>	RRC / Radio Bearer Release for transition	<del>R99</del>	<del>C01</del>	UEs supporting FDD.
	from CELL_DCH to CELL_DCH: Failure (Incompatible simultaneous reconfiguration)		<del>C02</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.3.6	RRC / Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Failure	<del>R99</del>	<del>C01</del>	UEs supporting FDD.
	(Invalid message reception and invalid configuration)		<del>C02</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.3.7	RRC / Radio Bearer Release for transition from CELL_DCH to CELL_FACH: Success	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.3.8	RRC / Radio Bearer Release for transition from CELL_DCH to CELL_FACH: Success	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
	(Cell re-selection)		C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.3.9	RRC / Radio Bearer Release for transition from CELL_FACH to CELL_DCH: Success	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.3.10	RRC / Radio Bearer Release for transition from CELL_FACH to CELL_DCH: Failure	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
	(Unsupported configuration)		<del>C52</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.3.11	RRC / Radio Bearer Release for transition from CELL_FACH to CELL_DCH: Failure	R99	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
	(Physical channel failure and successful reversion to old configuration)		C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.3.12	RRC / Radio Bearer Release for transition from CELL_FACH to CELL_DCH: Failure	R99	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
	(Physical channel failure and reversion failure)		C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.

Clause	Title	Release	Applicability	Comments
8.2.3.13	RRC / Radio Bearer Release for transition from CELL_FACH to CELL_DCH: Failure	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
	(Incompatible simultaneous reconfiguration)		C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.3.14	RRC / Radio Bearer Release for transition from CELL_FACH to CELL_DCH: Failure	R99	C06	UEs supporting FDD and supporting PS bearer service.
	(Invalid message reception and invalid configuration)		C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.3.15	RRC / Radio Bearer Release for transition from CELL_FACH to CELL_FACH: Success	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
			<del>C52</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.3.16	RRC / Radio Bearer Release for transition from CELL_DCH to CELL_DCH: Success	R99	C01	UEs supporting FDD and supporting PS bearer service.
	(Subsequently received)		<del>C02</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.3.17	RRC / Radio Bearer Release for transition from CELL_FACH to CELL_DCH: Success	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
	(Subsequently received)		<del>C52</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.3.18	RRC / Radio Bearer Release from CELL_DCH to CELL_PCH: Success	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.3.19	RRC / Radio Bearer Release from CELL_DCH to URA_PCH: Success	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
			<del>C52</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.4.1	RRC / Transport channel reconfiguration from CELL_DCH to CELL_DCH (Hard handover to same radio frequency): Success with no	R99	C01	UEs supporting FDD.
	transport channel type-switching		<del>C02</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.4.1a	RRC / Transport channel reconfiguration (Transmission Rate Modification with Timing Maintained) from CELL_DCH to CELL_DCH of the same cell: Success	R99	C06	UEs supporting FDD and supporting PS bearer service.
8.2.4.2	RRC / Transport channel reconfiguration from CELL_DCH to CELL_DCH: Failure	<del>R99</del>	<del>C01</del>	UEs supporting FDD.
	(Unsupported configuration)		<del>C02</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.4.3	RRC / Transport channel reconfiguration from CELL_DCH to CELL_DCH: Failure (Physical	<del>R99</del>	<del>C01</del>	UEs supporting FDD.
	channel failure and reversion to old configuration)		<del>C02</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.4.4	RRC / Transport channel reconfiguration from CELL_DCH to CELL_DCH: Failure (Physical	<del>R99</del>	C01	UEs supporting FDD.
<del>8.2.4.5</del>	channel failure and reversion failure)  RRC / Transport channel reconfiguration from	<del>R99</del>	C02 C01	LIEs supporting EDD
<del>0.2.4.0</del>	CELL_DCH to CELL_DCH: Failure (Incompatible simultaneous reconfiguration)	<del>KUU</del>	C02	UEs supporting FDD.  UEs supporting 3.84 Mcps TDD option
8.2.4.6	RRC / Transport channel reconfiguration from	<del>R99</del>	<del>C01</del>	or 1.28 Mcps TDD option  UEs supporting FDD.
-	CELL_DCH to CELL_DCH: Failure (Invalid message reception and invalid configuration)		C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.4.7	RRC / Transport channel reconfiguration from CELL_DCH to CELL_FACH: Success	R99	C06	UEs supporting FDD and supporting PS bearer service.
			<del>C52</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.4.9	RRC / Transport channel reconfiguration from CELL_DCH to CELL_FACH: Success (Cell reselection)	R99	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.

Clause	Title	Release	Applicability	Comments
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and
			_	supporting PS bearer service.
8.2.4.10	RRC / Transport channel reconfiguration from CELL_FACH to CELL_DCH: Success	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and
				supporting PS bearer service.
8.2.4.11	RRC / Transport channel reconfiguration from	<del>R99</del>	<del>C06</del>	UEs supporting FDD and
	CELL_FACH to CELL_DCH: Failure (Unsupported configuration)		<del>C52</del>	supporting PS bearer service.  UEs supporting 3.84 Mcps TDD
	(* 11)		<del>632</del>	option or 1.28 Mcps TDD option and
8.2.4.12	DDC / Transport channel reconfiguration from	<del>R99</del>	C06	supporting PS bearer service.
0.2.4.12	RRC / Transport channel reconfiguration from CELL_FACH to CELL_DCH: Failure (Physical	<del>1.99</del>	<del></del>	UEs supporting FDD and supporting PS bearer service.
	channel failure and successful reversion to old channel)		C52	UEs supporting 3.84 Mcps TDD
	<del>Ghairiei)</del>			option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.4.13	RRC / Transport channel reconfiguration from	R99	C06	UEs supporting FDD and
	CELL_FACH to CELL_DCH: Failure (Physical channel failure and reversion failure)		C52	supporting PS bearer service. UEs supporting 3.84 Mcps TDD
	,		<del>632</del>	option or 1.28 Mcps TDD option and
8.2.4.14	RRC / Transport channel reconfiguration from	R99	C06	supporting PS bearer service.  UEs supporting FDD and
0.2.4.14	CELL_FACH to CELL_DCH: Failure	1\33	<del>500</del>	supporting PS bearer service.
	(Incompatible simultaneous reconfiguration)		C52	UEs supporting 3.84 Mcps TDD
				option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.4.15	RRC / Transport channel reconfiguration from	<del>R99</del>	<del>C06</del>	UEs supporting FDD and
	CELL_FACH to CELL_DCH: Failure (Invalid message reception and invalid configuration)		<del>C52</del>	supporting PS bearer service.  UEs supporting 3.84 Mcps TDD
			032	option or 1.28 Mcps TDD option and
8 <del>.2.4.16</del>	RRC / Transport channel reconfiguration from	<del>R99</del>	<del>C06</del>	supporting PS bearer service.  UEs supporting FDD and
0.2.4.10	CELL_FACH to CELL_FACH: Success with no transport channel type switching	1100	<del>500</del>	supporting PS bearer service.
			<del>C52</del>	UEs supporting 3.84 Mcps TDD
				option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.4.17	RRC / Transport channel reconfiguration from CELL_FACH to CELL_FACH: Success (Cell	<del>R99</del>	<del>C06</del>	UEs supporting FDD and
	re-selection)		<del>C52</del>	supporting PS bearer service. UEs supporting 3.84 Mcps TDD
		İ	002	option or 1.28 Mcps TDD option and
8.2.4.18	RRC / Transport Channel Reconfiguration	R99	<del>C01</del>	supporting PS bearer service.  UEs supporting FDD.
	from CELL_DCH to CELL_DCH: Success		C02	UEs supporting 3.84 Mcps TDD option
	(Subsequently received)			or 1.28 Mcps TDD option
8.2.4.19	RRC / Transport Channel Reconfiguration from CELL_FACH to CELL_DCH: Success	<del>R99</del>	<del>C06</del>	UEs supporting FDD and
	(Subsequently received)		<del>C52</del>	supporting PS bearer service.  UEs supporting 3.84 Mcps TDD
				option or 1.28 Mcps TDD option and
8.2.4.20	RRC / Transport channel Reconfiguration	R99	C06	supporting PS bearer service.  UEs supporting FDD and
	from CELL_DCH to CELL_PCH: Success			supporting PS bearer service.
			<del>C52</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and
			_	supporting PS bearer service.
8.2.4.21	RRC / Transport channel from CELL_DCH to URA PCH: Success	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
			<del>C52</del>	UEs supporting 3.84 Mcps TDD
				option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.4.22	RRC / Transport channel reconfiguration from	<del>R99</del>	<del>C06</del>	UEs supporting FDD and
0.0.4.00	CELL_FACH to CELL_PCH: Success	Doc	000	supporting PS bearer service.
8.2.4.23	RRC / Transport channel reconfiguration from CELL_FACH to URA_PCH: Success	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
8.2.5.1	RRC / Transport format combination Control	R99	<del>C01</del>	UEs supporting FDD.
	in CELL_DCH: restriction		<del>C02</del>	UEs supporting 3.84 Mcps TDD option
8.2.5.2	RRC / Transport format combination Control	<del>R99</del>	<del>C01</del>	or 1.28 Mcps TDD option  UEs supporting FDD.
1	in CELL_DCH: release a restriction	1	1	,

Clause	Title	Release	Applicability	Comments
			<del>C02</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.5.3	Void			
8.2.5.4	RRC / Transport format combination Control in CELL_DCH: Failure (Invalid message	<del>R99</del>	<del>C01</del>	UEs supporting FDD.
	reception and invalid configuration)		C02	UEs supporting 3.84 Mcps TDD opti or 1.28 Mcps TDD option
8.2.6.1	RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH	<del>R99</del>	<del>C01</del>	UEs supporting FDD.
	(Hard handover for code modification): Success		C02	UEs supporting 3.84 Mcps TDD opt or 1.28 Mcps TDD option
8.2.6.2	RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover for code modification): Failure	R99	C01	UEs supporting FDD.
	(Unsupported configuration)		C02	UEs supporting 3.84 Mcps TDD opt or 1.28 Mcps TDD option
3.2.6.3	RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover for code modification): Failure	<del>R99</del>	<del>C01</del>	UEs supporting FDD.
	(Physical channel failure and reversion to old channel)		<del>C02</del>	UEs supporting 3.84 Mcps TDD opt or 1.28 Mcps TDD option
3.2.6.4	RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover for code modification): Failure	R99	C01	UEs supporting FDD.
	(Physical channel failure and reversion failure)		<del>C02</del>	UEs supporting 3.84 Mcps TDD option
<del>3.2.6.5</del>	RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handover for code modification): Failure	<del>R99</del>	<del>C01</del>	UEs supporting FDD.
	(Incompatible simultaneous reconfiguration)		C02	UEs supporting 3.84 Mcps TDD opt or 1.28 Mcps TDD option
<del>3.2.6.6</del>	RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_DCH (Hard handoverfor code modification): Failure	<del>R99</del>	<del>C01</del>	UEs supporting FDD.
	(Invalid message reception and invalid configuration)		<del>C02</del>	UEs supporting 3.84 Mcps TDD opt or 1.28 Mcps TDD option
<del>8.2.6.7</del>	RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_FACH: Success	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
	<del>Success</del>		C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
3.2.6.8	RRC / Physical channel reconfiguration for transition from CELL_DCH to CELL_FACH:	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
	Success (Cell-re-selection)		<del>C52</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
3.2.6.9	RRC / Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH:	R99	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
	Success		<del>C52</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
3.2.6.10	RRC / Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH:	<del>R99</del>	C06	UEs supporting FDD and supporting PS bearer service.
	Failure (Unsupported configuration)		<del>C52</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
3.2.6.11	RRC / Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH: Failure (Physical channel failure and	<del>R99</del>	C06	UEs supporting FDD and supporting PS bearer service.
successful reversion to old configuration)	successful reversion to old configuration)		C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
<del>3.2.6.12</del>	RRC / Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH: Failure (Physical channel failure and reversion	<del>R99</del>	C06	UEs supporting FDD and supporting PS bearer service.
	failure)		<del>C52</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
3.2.6.13	RRC / Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH: Failure (Incompatible simultaneous	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.

Clause	Title	Release	Applicability	Comments
			C52	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.6.14	RRC / Physical channel reconfiguration for transition from CELL_FACH to CELL_DCH:	<del>R99</del>	<del>C06</del>	UEs supporting FDD and
	Failure (Invalid message reception and invalid configuration)		C52	supporting PS bearer service.  UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
<del>8.2.6.15</del>	RRC / Physical channel reconfiguration for transition from CELL_FACH to CELL_FACH (Hard handover to another cell): Success	<del>R99</del>	C06	UEs supporting FDD and supporting PS bearer service. UEs supporting 3.84 Mcps TDD
				option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.6.16	RRC / Physical channel reconfiguration for transition from CELL_FACH to CELL_FACH: Failure (Cell re-selection)	<del>R99</del>	C06	UEs supporting FDD and supporting PS bearer service.
	r andre (con to concern)		<del>C52</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.6.17	RRC / Physical Channel Reconfiguration-from CELL_DCH to CELL_DCH (Hard Handover for code modification): Success (Subsequently	R99	C01	UEs supporting FDD.
	received)	200	C02	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option
8.2.6.18	RRC / Physical Channel Reconfiguration from CELL_FACH to CELL_DCH: Success ( Subsequently received)	<del>R99</del>	C06	UEs supporting FDD and supporting PS bearer service.
			<del>C52</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.6.19	RRC / Physical channel from CELL_DCH to CELL_PCH: Success	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
			<del>C52</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.6.20	RRC / Physical channel from CELL_DCH to URA_PCH: Success	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
			<del>C52</del>	UEs supporting 3.84 Mcps TDD option or 1.28 Mcps TDD option and supporting PS bearer service.
8.2.6.21	RRC / Physical channel reconfiguration for transition from CELL_FACH to URA_PCH: Success	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
8.2.6.22	RRC / Physical channel reconfiguration for transition from CELL_FACH to CELL_PCH: Success	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
8.2.7	RRC / Physical Shared Channel Allocation [TDD only]	<del>R99</del>	[FFS]	Inclusion of this test cases if FFS
8.2.8	RRC / PUSCH capacity request [TDD only]	<del>R99</del>	<del>[FFS]</del>	Inclusion of this test cases if FFS
8.3.1.1	RRC / Cell Update: cell reselection in CELL_FACH	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
8.3.1.2	RRC / Cell Update: cell reselection in CELL_PCH	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
8.3.1.3	RRC / Cell Update: periodical cell update in CELL_FACH	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
8.3.1.4	RRC / Cell Update: periodical cell update in CELL_PCH	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
8.3.1.5	RRC / Cell Update: UL data transmission in URA_PCH	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
8.3.1.6	RRC / Cell Update: UL data transmission in CELL_PCH	R99	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
<del>8.3.1.7</del>	Void			
8.3.1.8	Void			
8.3.1.9	RRC / Cell Update: re-entering of service area after T305 expiry and being out of service area	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
8.3.1.10	RRC / Cell Update: expiry of T307 after T305 expiry and being out of service area	R99	C06	UEs supporting FDD and supporting PS bearer service.
8.3.1.11	RRC / Cell Update: Success after T302 time- out	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
8.3.1.12	RRC / Cell Update: Failure (After Maximum Re-transmissions)	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.

Clause	Title	Release	Applicability	Comments
8.3.1.13	RRC / Cell Update: Reception of Invalid CELL UPDATE CONFIRM message	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
8.3.1.14	RRC / Cell Update: Incompatible simultaneous reconfiguration	<del>R99</del>	C06	UEs supporting FDD and supporting PS bearer service.
8.3.1.15	RRC / Cell Update: Unrecoverable error in Acknowledged Mode RLC	R99	<del>C01</del>	UEs supporting FDD.
8.3.1.16	Void			
8.3.1.17	RRC / Cell Update: Failure (UTRAN initiate an RRC connection release procedure on CCCH)	R99	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
8.3.1.18	RRC / Cell Update: Radio Link Failure (T314>0, T315=0)	R99	<del>C01</del>	UEs supporting FDD.
8.3.1.19	Void			
8.3.1.20	RRC / Cell Update: Reception of CELL UPDATE CONFIRM Message that causes invalid configuration	R99	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
8.3.1.21	Cell Update: Cell reselection to cell of another PLMN belonging to the equivalent PLMN list	<del>R99</del>	<del>C01</del>	UEs supporting FDD
<del>8.3.1.22</del>	Cell update: Restricted cell reselection to a cell belonging to forbidden LA list (Cell_FACH)	<del>R99</del>	<del>C01</del>	UEs supporting FDD
8.3.1.23	Cell Update: HCS cell reselection in CELL_FACH	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
8.3.1.24	Cell Update: HCS cell reselection in	R99	<del>C06</del>	UEs supporting FDD and
	CELL_PCH			supporting PS bearer service.
8.3.2.1	RRC / URA Update: Change of URA	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
8.3.2.2	RRC / URA Update: Periodical URA update and Reception of Invalid message	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
8.3.2.3	RRC / URA Update: re-entering of service area after T306 expiry	R99	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
8.3.2.4	RRC / URA Update: loss of service after expiry of timers T307 after T306	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
8.3.2.5	RRC / URA Update: Success after Confirmation error of URA-ID list	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
<del>8.3.2.6</del>	RRC / URA Update: Failure (V303 is greater than N303: Confirmation error of URA-ID list)	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
8.3.2.7	RRC / URA Update: Success after T303 timeout	R99	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
8.3.2.8	Void			capporting i C board contice.
8.3.2.9	RRC / URA Update: Failure ( UTRAN initiate an RRC connection release procedure on CCCH.)	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
8.3.2.10	RRC / URA Update: Reception of URA UPDATE CONFIRM message that causes invalid configuration	R99	C06	UEs supporting FDD and supporting PS bearer service.
8.3.2.11	URA Update: Cell reselection to cell of another PLMN belonging to the equivalent PLMN list	R99	C01	UEs supporting FDD
8.3.2.12	Restricted cell reselection to a cell belonging to forbidden LA list (URA_PCH)	<del>R99</del>	<del>C01</del>	UEs supporting FDD
8.3.2.13	URA Update: Change of URA due to HCS Cell Reselection	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
8.3.3.1	RRC / UTRAN Mobility Information: Success	R99	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
8.3.3. <del>2</del>	RRC / UTRAN Mobility Information: Failure (Invalid message reception)	R99	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
8.3.4.1	RRC / Active set update in soft handover: Radio Link addition	<del>R99</del>	<del>C01</del>	UEs supporting FDD.
<del>8.3.4.2</del>	RRC / Active set update in soft handover: Radio Link removal	<del>R99</del>	<del>C01</del>	UEs supporting FDD.
8.3.4.3	RRC / Active set update in soft handover: Combined radio link addition and removal	R99	<del>C01</del>	UEs supporting FDD.
8.3.4.4	RRC / Active set update in soft handover: Invalid Configuration	<del>R99</del>	<del>C01</del>	UEs supporting FDD.
8.3.4. <del>5</del>	RRC / Active set update in soft handover: Reception of an ACTIVE SET UPDATE message in wrong state	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
8.3.4.7	RRC / Active set update in soft handover: Invalid Message Reception	R99	C01	UEs supporting FDD.

Clause	Title	Release	Applicability	Comments
8.3.5.1	RRC / Hard Handover: success	R99	[FFS]	Inclusion of this test case is FFS
<del>8.3.5.2</del>	RRC / Hard Handover: Unsupported Configuration in the UE	<del>R99</del>	<del>[FFS]</del>	Inclusion of this test case is FFS
8.3.5.3	RRC / Hard Handover: Physical channel failure	<del>R99</del>	[FFS]	Inclusion of this test case is FFS
8.3.7.1	Inter system handover from UTRAN/To GSM/Speech/Success	<del>R99</del>	<del>C95</del>	UEs supporting FDD and GSM and supporting speech
8.3.7.2	Inter system handover from UTRAN/To GSM/Data/Same data rate/Success	R99	<del>C97</del>	UEs supporting FDD and GSM
8.3.7.3	Inter system handover from UTRAN/To GSM/Data/Data rate down grading/Success	R99	<del>C97</del>	UEs supporting FDD and GSM
8.3.7.4	Inter system handover from UTRAN/To GSM/Speech/Establishment/Success	R99	<del>C95</del>	UEs supporting FDD and GSM and supporting speech
8.3.7.5	Inter system handover from UTRAN/To GSM/Speech/Failure	R99	<del>C95</del>	UEs supporting FDD and GSM and supporting speech
8.3.7.6	Inter system handover from UTRAN/To GSM/Speech/Failure (L2 Establishment)	R99	<del>C95</del>	UEs supporting FDD and GSM and supporting speech
8.3.7.7	Inter system handover from UTRAN/To GSM/Speech/Failure (L1 Synchronization)	R99	<del>C95</del>	UEs supporting FDD and GSM and supporting speech
8.3.7.8	Inter system handover from UTRAN/To GSM/Speech/Failure (Invalid Inter-RAT message)	<del>R99</del>	C95	UEs supporting FDD and GSM and supporting speech
8.3.7. <del>9</del>	Inter system handover from UTRAN/To GSM/Speech/Failure (Unsupported configuration)	<del>R99</del>	C95	UEs supporting FDD and GSM and supporting speech
8.3.7.10	Inter-system handover from UTRAN/To GSM/Speech/Failure (Reception by UE in CELL_FACH)	<del>R99</del>	<del>C95</del>	UEs supporting FDD and GSM and supporting speech
8.3.7.11	Inter system handover from UTRAN/To GSM/Speech/Failure (Invalid message reception)	<del>R99</del>	<del>C95</del>	UEs supporting FDD and GSM and supporting speech
<del>3.3.7.12</del>	Inter system handover from UTRAN/To GSM/Speech/Failure (Physical channel Failure and Reversion Failure)	<del>R99</del>	<del>C95</del>	UEs supporting FDD and GSM and supporting speech
<del>8.3.7.13</del>	Inter system handover from UTRAN/To GSM/ success / call under establishment	<del>R99</del>	<del>C95</del>	UEs supporting FDD and GSM and supporting speech
<del>8.3.8</del>	RRC / Inter system cell reselection to UTRAN	<del>R99</del>	[FFS]	Inclusion of this test case is FFS
8.3. <del>9</del>	RRC / Inter system cell reselection from UTRAN	<del>R99</del>	[FFS]	Inclusion of this test case is FFS
8 <del>.4.1.1</del>	RRC / Measurement Control and Report: Intra-frequency measurement for transition from idle mode to CELL_DCH state	R99	<del>C01</del>	UEs supporting FDD.
8.4.1. <del>2</del>	RRC / Measurement Control and Report: Inter-frequency measurement for transition from idle mode to CELL_DCH state	<del>R99</del>	<del>C43</del>	UEs supporting FDD and supporting downlink compressed mode.
<del>8.4.1.3</del>	RRC / Measurement Control and Report: Intra-frequency measurement for transition from idle mode to CELL_FACH state	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
8 <del>.4.1.4</del>	RRC / Measurement Control and Report: Inter-frequency measurement for transition from idle mode to CELL_FACH state	R99	C44	UEs supporting FDD and supporting PS bearer service and supporting downlink compressed mode.
8.4.1. <del>5</del>	RRC / Measurement Control and Report: Intra-frequency measurement for transition from CELL_DCH to CELL_FACH state	<del>R99</del>	C01	UEs supporting FDD.
8.4.1. <del>6</del>	RRC / Measurement Control and Report: Inter- frequency measurement for transition from CELL_DCH to CELL_FACH state	<del>R99</del>	C43	UEs supporting FDD and supporting downlink compressed mode.
8.4.1. <del>7</del>	RRC / Measurement Control and Report: Intra-frequency measurement for transition from CELL_FACH to CELL_DCH state	R99	C06	UEs supporting FDD and supporting PS bearer service.
3.4.1. <del>8</del>	RRC / Measurement Control and Report: Inter- frequency measurement for transition from CELL_FACH to CELL_DCH state	<del>R99</del>	C43	UEs supporting FDD and supporting downlink compressed mode.
3.4.1. <del>9</del>	RRC / Measurement Control and Report: Unsupported measurement in the UE	R99	C09	UEs supporting FDD and not supporting Inter-system measureme for GSM.
8.4.1.10	RRC / Measurement Control and Report: Failure (Invalid Message Reception)	<del>R99</del>	<del>C01</del>	UEs supporting FDD.
8.4.1.11	RRC / Measurement Control and Report: Compressed Mode Configuration Failure during radio bearer reconfiguration procedure	<del>R99</del>	<del>C47</del>	UEs supporting FDD and supporting downlink compressed mode and PS bearer service and supporting Intersystem measurement for GSM.

Clause	Title	Release	Applicability	Comments
8.4.1.12	RRC / Measurement Control and Report: Compressed Mode Configuration Failure during transport channel reconfiguration	<del>R99</del>	C47	UEs supporting FDD and supporting downlink compressed mode and PS bearer service and supporting Inter-
8.4.1.13	procedure  RRC / Measurement Control and Report:	R99	C45	system measurement for GSM.  UEs supporting FDD and supporting
<del>8.4.1.13</del>	Compressed Mode Configuration Failure during physical channel reconfiguration procedure	<del>K99</del>	<del>U45</del>	PS bearer service and supporting Inter-system measurement for GSM.
8.4.1.14	RRC / Measurement Control and Report: Cell forbidden to affect reporting range	R99	<del>C01</del>	UEs supporting FDD
8.4.1.15	RRC / Measurement Control and Report Incomplete	R99	C01	UEs supporting FDD
8.4.1.16	RRC / Measurement Control and Report: Traffic volume measurement for transition from idle mode to CELL_FACH state	R99	C01	UEs supporting FDD
8.4.1.17	RRC / Measurement Control and Report: Traffic volume measurement for transition from idle mode to CELL_DCH state	<del>R99</del>	<del>C01</del>	UEs supporting FDD
8.4.1.18	RRC / Measurement Control and Report: Traffic volume measurement for transition from CELL_FACH state to CELL_DCH state	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
8.4.1.19	RRC / Measurement Control and Report: Traffic volume measurement for transition from CELL_DCH to CELL_FACH state	R99	C06	UEs supporting FDD and supporting PS bearer service.
8.4.1.20	RRC / Measurement Control and Report: Traffic volume measurement in CELL_PCH state	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
<del>8.4.1.21</del>	RRC / Measurement Control and Report: Traffic volume measurement in URA_PCH state	<del>R99</del>	<del>C06</del>	UEs supporting FDD and supporting PS bearer service.
8.4.1.22	RRC / Measurement Control and Report: Quality measurements	<del>R99</del>	<del>C01</del>	UEs supporting FDD
8.4.1.23	RRC / Measurement Control and Report: Intra-frequency measurement for events 1C and 1D	<del>R99</del>	<del>C01</del>	UEs supporting FDD
8.4.1.24	RRC / Measurement Control and Report: Inter-frequency measurement for event 2A	R99	<del>C01</del>	UEs supporting FDD
8.4.1.2 <del>5</del>	RRC / Measurement Control and Report: Inter-frequency measurement for events 2B and 2E	<del>R99</del>	<del>C01</del>	UEs supporting FDD
8.4.1.26	RRC / Measurement Control and Report: Inter-frequency measurement for events 2D and 2F	R99	C01	UEs supporting FDD
8.4.1.27	RRC / Measurement Control and Report: UE internal measurement for events 6A and 6B	R99	<del>C01</del>	UEs supporting FDD.
8.4.1.28	RRC / Measurement Control and Report: UE internal measurement for events 6F and 6G	R99	C01	UEs supporting FDD.
8.4.1.29	RRC / Measurement Control and Report: Event based Traffic Volume measurement in CELL_FACH state	R99	C06	UEs supporting FDD and supporting PS bearer service.
8.4.1.30	RRC / Measurement Control and Report: Event based Traffic Volume measurement in CELL_DCH state	R99	C06	UEs supporting FDD and supporting PS bearer service.
8.4.1.31	RRC / Measurement Control and Report: Inter-RAT measurement in CELL_DCH state	<del>R99</del>	<del>C97</del>	UEs supporting FDD and GSM
8.4.1.33	Measurement Control and Report: Inter-RAT measurement, event 3a	<del>R99</del>	<del>C95</del>	UEs supporting FDD and GSM and supporting speech
8.4.1.34	Measurement Control and Report: Inter-RAT measurement, event 3b	<del>R99</del>	<del>C95</del>	UEs supporting FDD and GSM and supporting speech
8.4.1.35	Measurement Control and Report: Inter-RAT measurement, event 3c	<del>R99</del>	<del>C95</del>	UEs supporting FDD and GSM and supporting speech
8.4.1.36	Measurement Control and Report: Inter-RAT measurement, event 3d	<del>R99</del>	<del>C95</del>	UEs supporting FDD and GSM and supporting speech
<del>8.4.1.37</del>	Measurement Control and Report: UE internal measurement, event 6c	<del>R99</del>	<del>C01</del>	UEs supporting FDD
8.4.1.38	Measurement Control and Report: UE internal measurement, event 6d	R99	<del>C01</del>	UEs supporting FDD
8.4.1.39	Measurement Control and Report: UE internal measurement, event 6e	<del>R99</del>	<del>C01</del>	UEs supporting FDD
8.4.1.40	Measurement Control and Report: Inter-RAT measurement event 3C in CELL_DCH state using sparse compressed mode pattern	<del>R99</del>	<del>C95</del>	UEs supporting FDD and GSM and supporting speech
MOBILITY N	IANAGEMENT			
9.1	TMSI reallocation	R99	C98	UEs supporting CS domain services

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failure)  3.1.1 General Identification  3.2.2 Handing of Misl shorter than the maximum  8.9.9 C.98 UEs supporting CS domain service length  9.4.4 Lensifier-updating / rejected / Misl invalid  8.9.9 C.98 UEs supporting CS domain service  8.9.1.2 Location updating / rejected / PLIAN not  9.4.2.2 Location updating / rejected / PLIAN not  9.4.2.3 Location updating / rejected / PLIAN not  9.4.2.4 Location updating / rejected / PLIAN not  9.4.2.5 Location updating / rejected / PLIAN not  9.4.2.6 Location updating / rejected / rearring not  9.4.2.7 Location updating / rejected / rearring not  9.4.2.4.1 Location updating / rejected / rearring not  9.4.2.4.2 Location updating / rejected / rearring not  9.4.2.4.3 Location updating / rejected / rearring not  9.4.2.4.4 Location updating / rejected / rearring not  9.4.2.4.5 Location updating / rejected / rearring not  9.4.2.4.6 Location updating / rejected / rearring not  9.4.2.4.7 Location updating / rejected / rearring not  9.4.2.4.8 Location updating / rejected / rearring not  9.4.2.4.9 Location updating / rejected / rearring not  9.4.2.4.1 Location updating / rejected / rearring not  9.4.2.4.2 Location updating / rejected / rearring not  9.4.2.4.3 Location updating / rejected / rearring not  9.4.2.4.4 Location updating / rejected / rearring not  9.4.2.4.5 Location updating / rejected / rearring not  9.4.2.4.6 Location updating / rejected / rearring not  9.4.2.7 Location updating / rejected / rearring not  9.4.3.0 Location updating / rejected / rearring not  9.4.3.1 Location updating / rejected / rearring not  9.4.3.2 Location updating / rejected / rearring not  9.4.3.3 Location updating / rejected / rearring not  9.4.3.4 Location updating / rejected / rearring not  9.4.3.5 Location updating / rejected / rearring not  9.4.4 Location updating / rejected / rearring not  9.4.5 Location updating / rejected / rearring not  9.		failure)			
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9.4.3.2 Lecation-updating/-abnormal-cases/-attempt counter-less or equal to 4, LAI different 9.4.3.3 Lecation-updating/-abnormal-cases/-attempt counter-less or equal to 4, LAI different R99 C98 UEs supporting CS domain-service counter-less or equal to 4, LAI different R99 C98 UEs supporting CS domain-service counter-less or equal to 4, stored LAI equal to broadcast LAI Location-updating/-abnormal-cases/-attempt counter-less or equal to 4, stored LAI equal to broadcast LAI Location-updating/-periodic spread R99 C98 UEs supporting CS domain-service 9.4.5.1 Location-updating/-periodic-normal/-test 1 R99 C98 UEs supporting CS domain-service 9.4.5.2 Location-updating/-periodic-normal/-test 1 R99 C98 UEs supporting CS domain-service 9.4.5.4.1 Location-updating/-periodic-normal/-test 2 R99 C98 UEs supporting CS domain-service UE-waits-time-T 9.4.5.4.2 Location-updating/-periodic-HPLMN-search/- UE-waits-time-T 9.4.5.4.3 Location-updating/-periodic-HPLMN-search/- R99 C98 UEs-supporting CS domain-service UE-waits-time-T 9.4.5.4.3 Location-updating/-periodic-HPLMN-search/- R99 C98 UEs-supporting CS domain-service UE-waits-tal-seat-two-minutes and-at-most-T minutes 9.4.6 Location-updating/-periodic-HPLMN-search/- R99 C98 UEs-supporting CS domain-service P.4.7 Location-updating/-periodic-HPLMN-search/- R99 C98 UEs-supporting-CS domain-service P.4.7 Location-updating/-periodic-HPLMN-search/- R99 C98 UEs-supporting-CS domain-service P.4.7 Location-updating-face-pt-with-deletion of Equivalent-PLMN-list 9.4.8 Location-updating-face-pt-with-deletion of Equivalent-PLMN-list 9.4.8 Location-updating-face-pt-with-deletion of Equivalent-PLMN-list 9.4.9 C98 UEs-supporting-CS domain-service P.4.7 Location-updating-face-pt-with-deletion of Equivalent-PLMN-list 9.4.8 Location-updating-face-pt-with-deletion-face-pt-with-deletion-face-pt-with-deletion-face-pt-with-deletion-face-pt-with-deletion-face-pt-with-deletion-face-pt-with-deletion-face-pt-with-deletion-face-pt-with-deletion-face-pt-with-deletion-face-pt-with-deletion-face-pt-with-de	9.4.2.5	Location updating / rejected / No Suitable	<del>R99</del>	<del>C98</del>	UEs supporting CS domain services
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Securiter equal to 4	9.4.3.3		<del>R99</del>	<del>C98</del>	UEs supporting CS domain services
counter-less or equal to 4, stored LAI equal to breadcast LAI   9.4.4   Location updating / release / expiry of T3240   R99   C98   UEs supporting CS domain service   9.4.5.1   Location updating / periodic spread   R99   C98   UEs supporting CS domain service   9.4.5.2   Location updating / periodic normal / test 1   R99   C98   UEs supporting CS domain service   9.4.5.3   Location updating / periodic normal / test 2   R99   C98   UEs supporting CS domain service   9.4.5.4.1   Location updating / periodic HPLMN search / UE waits time T   UE waits at least two minutes and at most T   9.4.5.4.3   Location updating / periodic HPLMN search / UE waits at least two minutes and at most T   9.4.5.4.3   Location updating / interworking of attach and periodic   Put Waits at least two minutes and at most T   9.4.6   Location updating / accept with deletion of   R99   C98   UEs supporting CS domain service   9.4.7   Location Updating / accept with deletion of   R99   C91   UEs supporting FDD   9.4.9   Location Updating / accept Storage of   R99   C91   UEs supporting FDD   9.4.9   Location Updating / accept Storage of   R99   C91   UEs supporting FDD   9.5.2   MM connection / establishment in security   R99   C98   UEs supporting CS domain service   9.5.4   MM connection / establishment rejected   R99   C98   UEs supporting CS domain service   9.5.5   MM connection / establishment rejected   R99   C98   UEs supporting CS domain service   9.5.6   MM connection / establishment rejected   R99   C98   UEs supporting CS domain service   9.5.7.1   MM connection / establishment rejected   R99   C98   UEs supporting CS domain service   9.5.7.1   MM connection / abortion by the network /   R99   C98   UEs supporting CS domain service   9.5.7.1   MM connection / abortion by the network /   R99   C98   UEs supporting CS domain service   9.5.7.2   MM connection / abortion by the network /   R99   C98   UEs supporting CS domain service   9.5.7.2	0.4.2.4	counter equal to 4	Poo	C08	
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9.4.5.3 Location-updating / periodic normal / test 2 R99 C98 UEs supporting CS domain service 9.4.5.4.1 Location-updating / periodic HPLMN search / UE waits time T UE waits at least two minutes and at most T UE waits at least two minutes and at most T minutes 9.4.5.4.3 UEs supporting / periodic HPLMN search / UE waits at least two minutes and at most T minutes 9.4.6 Location-updating / interworking of attach and periodic periodic periodic periodic PLMN ist to a cation updating / interworking of attach and periodic p	9.4.5.1	Location updating / periodic-spread	R99	C98	UEs supporting CS domain services
9.4.5.4.1 Location updating / periodic HPLMN-search / UE waits time T 9.4.5.4.2 Location updating / periodic HPLMN-search / UE in manual mode 9.4.5.4.3 Location updating / periodic HPLMN-search / UE waits at least two minutes and at most T minutes 9.4.6 Location updating / interworking of attach and periodic 9.4.7 Location updating / accept with deletion of Equivalent PLMN-list Location Updating / Accept Storage of Equivalent PLMN-list R99 C01 UEs supporting FDD 9.4.9 Location Updating / Accept Storage of Equivalent PLMN-list R99 C01 UEs supporting FDD 9.5.2 MM-connection / establishment in security R99 C98 UEs supporting CS domain service mode 9.5.3 MM-connection / establishment rejected R99 C98 UEs supporting CS domain service mode 9.5.4 MM-connection / establishment rejected R99 C98 UEs supporting CS domain service mode 9.5.5 MM-connection / establishment rejected R99 C98 UEs supporting CS domain service mode 9.5.6 MM-connection / establishment rejected R99 C98 UEs supporting CS domain service R99 C98 UEs supporting CS domain service MM-connection / establishment rejected R99 C98 UEs supporting CS domain service R99 C98 UEs supporting CS domain service R99 C98 UEs supporting CS domain service A95.6 MM-connection / abortion by the network / R99 C98 UEs supporting CS domain service C95.7.1 MM-connection / abortion by the network / R99 C98 UEs supporting CS domain service C95.7.2 MM-connection / abortion by the network / Cause #6 9.5.7.2 MM-connection / abortion by the network / Cause R99 C100 UEs supporting CS domain service C95.7.2 MM-connection / abortion by the network / Cause R99 C100 UEs supporting CS domain service C95.7.2 MM-connection / abortion by the network / Cause R99 C100 UEs supporting CS domain service C95.7.2 MM-connection / abortion by the network / Cause R99 C100 UEs supporting CS domain service C95.7.2 MM-connection / abortion by the network /	9.4.5.2	Location updating / periodic normal / test 1	<del>R99</del>	C98	UEs supporting CS domain services
UE waits time T  Ue an anual mode  9.4.5.4.2 Lecation updating / periodic HPLMN search / UE in manual mode  9.4.5.4.3 Lecation updating / periodic HPLMN search / UE waits at least two minutes and at most T minutes  9.4.6 Lecation updating / interworking of attach and periodic  9.4.7 Lecation Updating / accept with deletion of Equivalent PLMN list  9.4.8 Lecation Updating after UE power off R99 C01 UEs supporting FDD  9.4.9 Lecation Updating / Accept Storage of Equivalent PLMN list  9.5.2 MM connection / establishment in security mode  9.5.3 MM connection / establishment rejected R99 C98 UEs supporting CS domain service C95.7.1 MM connection / abortion by the network / R99 C98 UEs supporting CS domain service C95.7.2 MM connection / abortion by the network / R99 C98 UEs supporting CS domain service C95.7.2 MM connection / abortion by the network / R99 C98 UEs supporting CS domain service C95.7.2 MM connection / abortion by the network / R99 C98 UEs supporting CS domain service C95.7.2 MM connection / abortion by the network / R99 C100 UEs supporting CS domain service C95.7.2 MM connection / abortion by the network / R99 C100 UEs supporting CS domain service C95.7.2 MM connection / abortion by the network / R99 C100 UEs supporting CS domain service C95.7.2 MM connection / abortion by the network / R99 C100 UEs supporting CS domain service UEs supporting C95 domain servi	9.4.5.3	Location updating / periodic normal / test 2	R99	C98	UEs supporting CS domain services
UE-in manual mode  9.4.5.4.3 Location updating / periodic HPLMN search / UE waits at least two minutes and at most T minutes  9.4.6 Location updating / interworking of attach and periodic  9.4.7 Location Updating / accept with deletion of Equivalent PLMN list  9.4.8 Location Updating after UE power off R99 C01 UEs supporting FDD  9.4.9 Location Updating after UE power off R99 C01 UEs supporting FDD  9.4.9 Location Updating Accept Storage of Equivalent PLMN list  9.5.2 MM connection / establishment in security R99 C98 UEs supporting CS domain service mode  9.5.3 MM connection / establishment in non-security R99 C98 UEs supporting CS domain service mode  9.5.4 MM connection / establishment rejected R99 C98 UEs supporting CS domain service  9.5.5 MM connection / establishment rejected R99 C98 UEs supporting CS domain service  9.5.6 MM connection / establishment rejected cause R99 C98 UEs supporting CS domain service  9.5.7 MM connection / establishment rejected cause R99 C98 UEs supporting CS domain service  9.5.6 MM connection / establishment rejected R99 C98 UEs supporting CS domain service  9.5.7 MM connection / establishment rejected R99 C98 UEs supporting CS domain service  9.5.7 MM connection / establishment rejected cause R99 C98 UEs supporting CS domain service  9.5.7 MM connection / abortion by the network / R99 C98 UEs supporting CS domain service cause #6  9.5.7.2 MM connection / abortion by the network / R99 C100 UEs supporting CS domain service cause #6  9.5.7.2 MM connection / abortion by the network / R99 C100 UEs supporting CS domain service cause #6  9.5.7.2 MM connection / abortion by the network / R99 C100 UEs supporting CS domain service related SS	9.4.5.4.1	UE waits time T	<del>R99</del>	C98	UEs supporting CS domain services
Lecation updating / periodic HPLMN search / UE waits at least two minutes and at most T minutes  9.4.6 Lecation updating / interworking of attach and periodic  9.4.7 Lecation Updating / accept with deletion of Equivalent PLMN list  9.4.8 Lecation Updating / accept with deletion of Equivalent PLMN list  9.4.9 Location Updating after UE power off R99 C01 UEs supporting FDD  9.4.9 Lecation Updating / Accept Storage of Equivalent PLMN list  9.5.2 MM connection / establishment in security R99 C98 UEs supporting CS domain service mode  9.5.3 MM connection / establishment in non-security R99 C98 UEs supporting CS domain service mode  9.5.4 MM connection / establishment rejected R99 C98 UEs supporting CS domain service R95 C98 UEs supporting CS domain service R96 C98 UEs supporting CS domain service R97 C98 UEs supporting CS domain service R99 C98 UEs supporting CS domain service A95.6 MM connection / expiry T3230 R99 C98 UEs supporting CS domain service C98.7.1 MM connection / abortion by the network / Cause #6 UEs supporting CS domain service C98.7.2 MM connection / abortion by the network / Cause #6 UEs supporting CS domain service C98.7.2 MM connection / abortion by the network / Cause #6 UEs supporting CS domain service UEs supporting CS domain service C98.7.2 UEs supporting C98 domain	9.4.5.4.2	Location updating / periodic HPLMN search / UE in manual mode	<del>R99</del>	<del>C98</del>	UEs supporting CS domain services
Location updating / interworking of attach and periodic  9.4.7 Location Updating / accept with deletion of Equivalent PLMN list  9.4.8 Location Updating after UE power off R99 C01 UEs supporting FDD  9.4.9 Location Updating after UE power off R99 C01 UEs supporting FDD  9.5.2 MM connection / establishment in security R99 C98 UEs supporting CS domain service mode  9.5.3 MM connection / establishment in non-security R99 C98 UEs supporting CS domain service mode  9.5.4 MM connection / establishment rejected R99 C98 UEs supporting CS domain service  9.5.5 MM connection / establishment rejected R99 C98 UEs supporting CS domain service  9.5.6 MM connection / establishment rejected cause 4  9.5.6 MM connection / establishment rejected cause R99 C98 UEs supporting CS domain service  9.5.7.1 MM connection / abortion by the network / cause #6  9.5.7.2 MM connection / abortion by the network / cause #6  9.5.7.2 MM connection / abortion by the network / cause not equal to #6  WEs supporting CS domain service UEs support	9.4.5.4.3	Location updating / periodic HPLMN search / UE waits at least two minutes and at most T	<del>R99</del>	C98	UEs supporting CS domain services
Location Updating / accept with deletion of Equivalent PLMN list     9.4.8   Location Updating after UE power off   R99   C01   UEs supporting FDD     9.4.9   Location Updating Accept Storage of Equivalent PLMN list     9.5.2   MM connection / establishment in security mode     9.5.3   MM connection / establishment in non-security mode     9.5.4   MM connection / establishment rejected   R99   C98   UEs supporting CS domain service     9.5.5   MM connection / establishment rejected   R99   C98   UEs supporting CS domain service     9.5.5   MM connection / establishment rejected cause   R99   C98   UEs supporting CS domain service     9.5.6   MM connection / establishment rejected cause   R99   C98   UEs supporting CS domain service     9.5.7.1   MM connection / abortion by the network / cause #6   C100   UEs supporting CS domain service     9.5.7.2   MM connection / abortion by the network / cause not equal to #6   C100   UEs supporting at least one non-carellated SS   UEs supporting CS domain service   UEs supporting at least one non-carellated SS   UEs supporting CS domain service   UES sup	9.4.6	Location updating / interworking of attach and	R99	C98	UEs supporting CS domain services
Location Updating after UE power off   R99   C01   UEs supporting FDD	9.4.7	Location Updating / accept with deletion of	<del>R99</del>	<del>C01</del>	UEs supporting FDD
Location Updating/ Accept Storage of Equivalent PLMN list   P.5.2   MM connection / establishment in security mode   P.5.3   MM connection / establishment in non-security mode   P.5.4   MM connection / establishment rejected   R99   C98   UEs supporting CS domain service   P.5.4   MM connection / establishment rejected   R99   C98   UEs supporting CS domain service   P.5.5   MM connection / establishment rejected cause   R99   C98   UEs supporting CS domain service   P.5.6   MM connection / expiry T3230   R99   C98   UEs supporting CS domain service   P.5.7.1   MM connection / expiry T3230   R99   C98   UEs supporting CS domain service   P.5.7.1   MM connection / abortion by the network / cause #6   C98   UEs supporting CS domain service   P.5.7.2   MM connection / abortion by the network / cause not equal to #6   C100   UEs supporting CS domain service   UEs supporting at least one non-carelated SS	0.4.8		PQQ	CO1	LIEs supporting EDD
MM connection / establishment in security mode 9.5.3 MM connection / establishment in non-security mode 9.5.4 MM connection / establishment rejected R99 C98 UEs supporting CS domain service 9.5.5 MM connection / establishment rejected R99 C98 UEs supporting CS domain service 9.5.5 MM connection / establishment rejected cause 4 9.5.6 MM connection / expiry T3230 R99 C98 UEs supporting CS domain service 9.5.7.1 MM connection / abortion by the network / cause #6 9.5.7.2 MM connection / abortion by the network / cause not equal to #6  MM connection / establishment rejected cause R99 C98 UEs supporting CS domain service  R99 C98 UEs supporting CS domain service	<del>9.4.9</del>	Location Updating/ Accept Storage of			
mode 9.5.3 MM connection / establishment in non-security mode 9.5.4 MM connection / establishment rejected R99 C98 UEs supporting CS domain service 9.5.5 MM connection / establishment rejected cause 4 9.5.6 MM connection / expiry T3230 R99 C98 UEs supporting CS domain service 9.5.7.1 MM connection / abortion by the network / cause #6 9.5.7.2 MM connection / abortion by the network / cause not equal to #6  MM connection / abortion by the network / cause not equal to #6  MM connection / abortion by the network / cause not equal to #6	<del>9.5.2</del>	Equivalent PLMN list MM connection / establishment in security	R99	C98	UEs supporting CS domain services
mode 9.5.4		mode			
9.5.5 MM connection / establishment rejected cause 4 9.5.6 MM connection / expiry T3230 R99 C98 UEs supporting CS domain service 9.5.7.1 MM connection / abortion by the network / cause #6 9.5.7.2 MM connection / abortion by the network / cause not equal to #6  MM connection / expiry T3230 R99 C98 UEs supporting CS domain service UEs supporting CS domain service UEs supporting CS domain service UEs supporting at least one non-carelated SS		mode			
4 9.5.6 MM connection / expiry T3230 R99 C98 UEs supporting CS domain service 9.5.7.1 MM connection / abortion by the network / cause #6 9.5.7.2 MM connection / abortion by the network / cause not equal to #6  MM connection / abortion by the network / cause not equal to #6  R99 C98 UEs supporting CS domain service UEs supporting CS domain service UEs supporting at least one non-carrelated SS	<del>9.5.4</del>		<del>R99</del>	<del>C98</del>	
9.5.7.1 MM connection / abortion by the network / cause #6 9.5.7.2 MM connection / abortion by the network / cause not equal to #6  R99 C98 UEs supporting CS domain service UEs supporting CS domain service UEs supporting at least one non-carellated SS	9.5.5	4	<del>R99</del>	<del>C98</del>	UEs supporting CS domain services
cause #6  9.5.7.2 MM connection / abortion by the network / cause not equal to #6  R99 C100 UEs supporting CS domain service UEs supporting at least one non-carrelated SS	9.5.6	MM connection / expiry T3230	R99	C98	UEs supporting CS domain services
9.5.7.2 MM connection / abortion by the network / cause not equal to #6 R99 C100 UEs supporting CS domain service UEs supporting at least one non-carrelated SS	9.5.7.1		<del>R99</del>	C98	UEs supporting CS domain services
	9.5.7.2	MM connection / abortion by the network /	<del>R99</del>	C100	UEs supporting CS domain services UEs supporting at least one non-call
	9.5.8.1	MM connection / follow-on request pending /	R99	C98	UEs supporting CS domain services

Clause	<del>Title</del>	Release	Applicability	Comments
9.5.8.2	MM connection / follow-on request pending / test 2	<del>R99</del>	C98	UEs supporting CS domain services
9.5.8.3	MM-connection / follow-on-request-pending / test 3	<del>R99</del>	<del>C98</del>	UEs supporting CS domain services
CALL CONT				
<del>10.1.2.1.1</del>	Outgoing call / U0 null state / MM connection requested	<del>R99</del>	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.2.1	Outgoing call / U0.1 MM connection pending / CM service rejected	<del>R99</del>	C10	UEs supporting at least one mobile originated circuit switched basic service
<del>10.1.2.2.2</del>	Outgoing call / U0.1 MM connection pending / CM service accepted	<del>R99</del>	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.2.3	Outgoing call / U0.1 MM connection pending / lower layer failure	<del>R99</del>	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.3.1	Outgoing call / U1 call initiated / receiving CALL PROCEEDING	<del>R99</del>	C10	UEs supporting at least one mobile originated circuit switched basic service
<del>10.1.2.3.2</del>	Outgoing call / U1 call initiated / rejecting with RELEASE COMPLETE	<del>R99</del>	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.3.3	Outgoing call / U1 call initiated / T303 expiry	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.3.4	Outgoing call / U1 call initiated / lower layer failure	<del>R99</del>	C10	UEs supporting at least one mobile originated circuit switched basic service
<del>10.1.2.3.5</del>	Outgoing call / U1 call initiated / receiving ALERTING	<del>R99</del>	<del>C10</del>	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.3.6	Outgoing call / U1 call initiated / entering state U10	<del>R99</del>	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.3.7	Outgoing call / U1 call initiated / unknown message received	<del>R99</del>	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.4.1	Outgoing call / U3 UE originating call proceeding / ALERTING received	<del>R99</del>	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.4.2	Outgoing call / U3 UE originating call proceeding / CONNECT received	<del>R99</del>	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.4.3	Outgoing call / U3 UE originating call proceeding / PROGRESS received without in band information	<del>R99</del>	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.4.4	Outgoing call / U3 UE originating call proceeding / PROGRESS with in band information	<del>R99</del>	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.4.5	Outgoing call / U3 UE originating call proceeding / DISCONNECT with in band tones	<del>R99</del>	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.4.6	Outgoing call / U3 UE originating call proceeding / DISCONNECT without in band tones	<del>R99</del>	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.4.7	Outgoing call / U3 UE originating call proceeding / RELEASE received	<del>R99</del>	C10	UEs supporting at least one mobile originated circuit switched basic service
<del>10.1.2.4.8</del>	Outgoing call / U3 UE originating call proceeding / termination requested by the user	<del>R99</del>	<del>C10</del>	UEs supporting at least one mobile originated circuit switched basic service
<del>10.1.2.4.9</del>	Outgoing call / U3 UE originating call proceeding / traffic channel allocation	R99	<del>C10</del>	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.4.10	Outgoing call / U3 UE originating call proceeding / timer T310 time-out	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.4.11	Outgoing call / U3 UE originating call proceeding / lower layer failure	<del>R99</del>	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.4.12	Outgoing call / U3 UE originating call proceeding / unknown message received	<del>R99</del>	C10	UEs supporting at least one mobile originated circuit switched basic service

Clause	Title	Release	Applicability	Comments
10.1.2.4.13	Outgoing call / U3 UE originating call proceeding / Internal alerting indication	R99	C13	UEs supporting mobile originated circuit switched basic service for telephony
10.1.2.5.1	Outgoing call / U4 call delivered / CONNECT received	<del>R99</del>	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.5.2	Outgoing call / U4 call delivered / termination requested by the user	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.5.3	Outgoing call / U4 call delivered / DISCONNECT with in band tones	<del>R99</del>	<del>C10</del>	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.5.4	Outgoing call / U4 call delivered / DISCONNECT without in band tones	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.5.5	Outgoing call / U4 call delivered / RELEASE received	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.5.6	Outgoing call / U4 call delivered / lower layer failure	<del>R99</del>	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.5.7	Outgoing call / U4 call delivered / traffic channel allocation	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.5.8	Outgoing call / U4 call delivered / unknown message received	<del>R99</del>	<del>C10</del>	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.6.1	U10 call active / termination requested by the user	<del>R99</del>	<del>C10</del>	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.6.2	U10 call active / RELEASE received	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.6.3	U10 call active / DISCONNECT with in band tones	<del>R99</del>	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.6.4	U10 call active / DISCONNECT without in band tones	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
<del>10.1.2.6.5</del>	U10 call active / RELEASE COMPLETE received	<del>R99</del>	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.6.6	U10 call active / SETUP received	<del>R99</del>	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.7.1	U11 disconnect request / clear collision	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.7.2	U11 disconnect request / RELEASE received	<del>R99</del>	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.7.3	U11 disconnect request / timer T305 time-out	R99	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.7.4	U11 disconnect request / lower layer failure	<del>R99</del>	C10	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.7.5	U11 disconnect request / unknown message received	<del>R99</del>	<del>C10</del>	UEs supporting at least one mobile originated circuit switched basic service
10.1.2.8.1	U12 disconnect indication / call releasing requested by the user	R99	C13	UEs supporting bearer capability for speech.= UE supporting mobile originated circuit switched basic service for telephony
10.1.2.8.2	U12 disconnect indication / RELEASE received	<del>R99</del>	C13	UEs supporting bearer capability for speech. = UE supporting mobile originated circuit switched basic service for telephony
10.1.2.8.3	U12 disconnect indication / lower layer failure	<del>R99</del>	C13	UEs supporting bearer capability for speech. = UE supporting mobile originated circuit switched basic service for telephony

Clause	Title	Release	Applicability	Comments
10.1.2.8.4	U12 disconnect indication / unknown message received	<del>R99</del>	C13	UEs supporting bearer capability for speech. = UE supporting mobile originated circuit switched basic service for telephony
10.1.2.9.1	Outgoing call / U19 release request / timer T308 time-out	<del>R99</del>	C10	UEs supporting at least one mobile originated circuit switched basic service.
10.1.2.9.2	Outgoing call / U19 release request / 2 <sup>nd</sup> timer T308 time-out	<del>R99</del>	<del>C10</del>	UEs supporting at least one mobile originated circuit switched basic service.
10.1.2.9.3	Outgoing call / U19 release request / RELEASE received	<del>R99</del>	C10	UEs supporting at least one mobile originated circuit switched basic service.
10.1.2.9.4	Outgoing call / U19 release request / RELEASE COMPLETE received	<del>R99</del>	C10	UEs supporting at least one mobile originated circuit switched basic service.
10.1.2.9.5	Outgoing call / U19 release request / lower layer failure	<del>R99</del>	C10	UEs supporting at least one mobile originated circuit switched basic service.
10.1.3.1.1	Incoming call / U0 null state / SETUP received with a non supported bearer capability	<del>R99</del>	C11	UEs supporting at least one mobile terminating circuit switched basic service.All UEs.
10.1.3.2.1	Incoming call / U6 call present / automatic call rejection	<del>R99</del>	<del>C11</del>	UEs supporting at least one mobile terminating circuit switched basic service.
10.1.3.3.1	Incoming call / U9 mobile terminating call confirmed / alerting or immediate connecting	<del>R99</del>	C11	UEs supporting at least one mobile terminating circuit switched basic service.
10.1.3.3.2	Incoming call / U9 mobile terminating call confirmed / DTCH assignment	<del>R99</del>	C41	UEs supporting at least one MT circuit switched basic service, for which immediate connect is not used.
10.1.3.3.3	Incoming call / U9 mobile terminating call confirmed / termination requested by the user	<del>R99</del>	C41	UEs supporting at least one MT circuit switched basic service for which immediate connection is not used
10.1.3.3.4	Incoming call / U9 mobile terminating call confirmed / DISCONNECT received	<del>R99</del>	C41	UEs supporting at least one MT circuit switched basic service, for which immediate connect is not used.
10.1.3.3.5	Incoming call / U9 mobile terminating call confirmed / RELEASE received	<del>R99</del>	C41	UEs supporting at least one MT circuit switched basic service, for which immediate connect is not used.
10.1.3.3.6	Incoming call / U9 mobile terminating call confirmed / lower layer failure	<del>R99</del>	C41	UEs supporting at least one MT circuit switched basic service, for which immediate connect is not used.
10.1.3.3.7	Incoming call / U9 mobile terminating call confirmed / unknown message received	<del>R99</del>	C41	UEs supporting at least MT circuit switched basic service, for which immediate connect is not used.
10.1.3.4.1	Incoming call / U7 call received / call accepted	<del>R99</del>	C41	UEs supporting at least one mobile terminating circuit switched basic service for which immediate connect is not used.
10.1.3.4.2	Incoming call / U7 call received / termination requested by the user	R99	C41	UEs supporting at least one mobile terminating circuit switched basic service for which immediate connect is not used.
10.1.3.4.3	Incoming call / U7 call received / DISCONNECT received	R99	C41	UEs supporting at least one mobile terminating circuit switched basic service for which immediate connect is not used.
10.1.3.4.4	Incoming call / U7 call received / RELEASE received	<del>R99</del>	C41	UEs supporting at least one mobile terminating circuit switched basic service for which immediate connect is not used.
10.1.3.4.5	Incoming call / U7 call received / lower layer failure	R99	C41	UEs supporting at least one mobile terminating circuit switched basic service for which immediate connect is not used.
10.1.3.4.6	Incoming call / U7 call received / unknown message received	<del>R99</del>	C41	UEs supporting at least one mobile terminating circuit switched basic service for which immediate connect is not used.
10.1.3.4.7	Incoming call / U7 call received / DTCH assignment	<del>R99</del>	C41	UEs supporting at least one mobile terminating circuit switched basic service for which immediate connect is not used.

Clause	Title	Release	Applicability	Comments
10.1.3.4.8	Incoming call / U7 call received / RELEASE COMPLETE received	<del>R99</del>	C41	UEs supporting at least one mobile terminating circuit switched basic service, for which immediate connect is not used.
10.1.3.5.1	Incoming call / U8 connect request / CONNECT acknowledged	R99	C11	UEs supporting at least one mobile terminating circuit switched basic service.
10.1.3.5.2	Incoming call / U8 connect request / timer T313 time-out	<del>R99</del>	C11	UEs supporting at least one mobile terminating circuit switched basic service.
10.1.3.5.3	Incoming call / U8 connect request / termination requested by the user	R99	C11	UEs supporting at least one mobile terminating circuit switched basic service.
10.1.3.5.4	Incoming call / U8 connect request / DISCONNECT received with in-band information	<del>R99</del>	C11	UEs supporting at least one mobile terminating circuit switched basic service.
<del>10.1.3.5.5</del>	Incoming call / U8 connect request / DISCONNECT received without in-band information	<del>R99</del>	<del>C11</del>	UEs supporting at least one mobile terminating circuit switched basic service.
10.1.3.5.6	Incoming call / U8 connect request / RELEASE received	<del>R99</del>	C11	UEs supporting at least one mobile terminating circuit switched basic service.
10.1.3.5.7	Incoming call / U8 connect request / lower layer failure	<del>R99</del>	C11	UEs supporting at least one mobile terminating circuit switched basic service.
10.1.3.5.8	Incoming call / U8 connect request / DTCH assignment	<del>R99</del>	C11	UEs supporting at least one mobile terminating circuit switched basic service.
10.1.3.5.9	Incoming call / U8 connect request / unknown message received	R99	C11	UEs supporting at least one mobile terminating circuit switched basic service.
10.1.4.1.1	In-call functions / DTMF information transfer / basic procedures	<del>R99</del>	C13	UEs supporting any equipment supporting bearer capability for speech= UE supporting mobile originated circuit switched basic service for telephony
10.1.4.2.1	In-call functions / User notification / UE terminated	R99	C14	UEs supporting at least one circuit switched basic service.
10.1.4.3.1	In-call functions / channel changes / a successful channel change in active state/ Handover and Assignment Command	<del>R99</del>	<del>C14</del>	UEs supporting at least one circuit switched basic service.
10.1.4.3.2	In-call functions / channel changes / an unsuccessful channel change in active mode/ Handover and Assignment Command	<del>R99</del>	C14	UEs supporting at least one circuit switched basic service.
10.2.1	Call Re-establishment/call present, re- establishment allowed	R99	<del>C16</del>	UEs supporting at least one bearer capability.
10.3	User to user signalling	<del>R99</del>	C11	UEs supporting at least one mobile terminating circuit switched basic service.
SESSION MA	ANAGEMENT			
11.1.1.1	Attach initiated by context activation/QoS Offered by Network is the QoS Requested	<del>R99</del>	C12	UE supporting PS domain services.
11.1.1.2.1	QoS offered by the network is a lower QoS / QoS accepted by UE	<del>R99</del>	C46	UE supporting PS domain services and supporting user settings of minimum QoS.
<del>11.1.1.2.2</del>	QoS offered by the network is a lower QoS / QoS rejected by UE	<del>R99</del>	C12	UE supporting PS domain services. This test may not be applicable to the UEs which support all QoS and it is not possible to configure the UE to reject any QoS.
11.1.2	PDP context activation requested by the network, successful and unsuccessful	<del>R99</del>	C17	UE supporting PS domain services configured in such a way that one or more PDP contexts can be active simultaneously.
11.1.3.1	Abnormal Cases / T3380 Expiry	<del>R99</del>	<del>C12</del>	UE supporting PS domain services.
11.1.3.2	Abnormal Cases / Collision of UE initiated and network requested PDP context activation	R99	C17	UE supporting PS domain services: configured in such a way that one or more PDP contexts can be active simultaneously.

Clause	Title	Release	Applicability	Comments
11.1.3.3	Abnormal Cases / Network initiated PDP context activation request for an already activated PDP context (on the UE side)	R99	C12	UE supporting PS domain services.
11.1.4.1.1	Successful secondary PDP context activation procedure initiated by the UE/QoS Offered by Network is the QoS Requested	<del>R99</del>	<del>C12</del>	UE supporting PS domain services.
11.1.4.1.2.1	Successful secondary PDP context activation procedure Initiated by the UE/QoS Offered by Network is a lower QoS/QoS accepted by UE	<del>R99</del>	<del>C12</del>	UE supporting PS domain services.
11.1.4.1.2.2	Successful secondary PDP context activation procedure Initiated by the UE/QoS Offered by Network is a lower QoS/QoS rejected by UE	<del>R99</del>	C12	UE supporting PS domain services.
11.1.4.1.2.3	Successful secondary PDP context activation procedure Initiated by the UE/LLC SAPI rejected by UE	R99	C12	UE-supporting PS domain services.
11.1.4.2	Unsuccessful Secondary PDP Context Activation Procedure Initiated by the UE	R99	C12	UE supporting PS domain services.
11.1.4.2.1	Abnormal cases/T3380 Expiry	R99	<del>C12</del>	UE supporting PS domain services.
11.2.1	Network initiated PDP context modification	R99	C12	UE supporting PS domain services.
11.2.2.1	UE-initiated PDP context modification/UE initiated PDP context modification accepted by network	<del>R99</del>	<del>C12</del>	UE supporting PS domain services.
11.2.2.2	UE initiated PDP context modification/UE initiated PDP context modification not accepted by network	<del>R99</del>	C12	UE supporting PS domain services.
11.2.3.1	Abnormal Cases/T3381 Expiry	R99	C12	UE supporting PS domain services.
<del>11.2.3.2</del>	Collision of UE and network initiated PDP context modification procedures	<del>R99</del>	C12	UE supporting PS domain services.
11.3.1	PDP context deactivation initiated by the UE	<del>R99</del>	<del>C12</del>	UE supporting PS domain services.
11.3.2	PDP context deactivation initiated by the network	R99	<del>C12</del>	UE supporting PS domain services.
11.3.3.1	Abnormal cases / T3390 Expiry	R99	C12	UE supporting PS domain services.
<del>11.3.3.2</del>	Abnormal cases / Collision of UE and network initiated PDP context deactivation requests	<del>R99</del>	<del>C12</del>	UE supporting PS domain services.
11.4.1	Error cases	R99	C12	UE supporting PS domain services.
PACKET SW	ITCHED MOBILITY MANAGEMENT		1	
<del>12.2.1.1</del>	PS attach / accepted	<del>R99</del>	<del>C12</del>	UE supporting PS domain services.
12.2.1.2	PS attach / rejected / IMSI invalid / illegal UE	R99	C12	UE supporting PS domain services.
12.2.1.3	PS attach / rejected / IMSI invalid / PS services not allowed PS attach / rejected / PLMN not allowed	R99	C12	UE supporting PS domain services.
12.2.1.4 12.2.1.5a	PS attach / rejected / PLMIN not allowed in	R99 R99	C12 C12	UE supporting PS domain services. UE supporting PS domain services.
<del>12.2.1.5a</del>	this location area  PS attach / rejected / No Suitable Cells In	<del>R99</del>	<del>C12</del>	UE supporting PS domain services.
12.2.1.6	Location Area  PS attach / abnormal cases / access barred	<del>R99</del>	<del>C12</del>	UE supporting PS domain services.
12.2.1.0	due to access class control	1100	<del>012</del>	OE supporting F3 domain services.
12.2.1.7	PS attach / abnormal cases / change of cell into new routing area	<del>R99</del>	<del>C12</del>	UE supporting PS domain services.
12.2.1.8	PS attach / abnormal cases / power off	<del>R99</del>	C12	UE supporting PS domain services.
12.2.1.9	PS attach / abnormal cases / PS detach procedure collision	<del>R99</del>	<del>C12</del>	UE supporting PS domain services.
12.2.2.1	Combined PS attach / PS and non-PS attach accepted	<del>R99</del>	C88	UE supporting PS domain services and CS domain services.
12.2.2.2	Combined PS attach / PS only attach accepted	<del>R99</del>	C88	UE supporting PS domain services and CS domain services.
12.2.2.3	Combined PS attach / PS attach while IMSI attach	<del>R99</del>	C103	UE supports UE operation mode A and does not support automatic PS attach procedure at switch on.
12.2.2.4	Combined PS attach / rejected / IMSI invalid / illegal ME	<del>R99</del>	C88	UE supporting PS domain services and CS domain services (UE supports UE operation mode A).
12.2.2.5	Combined PS attach / rejected / PS services and non-PS services not allowed	<del>R99</del>	C88	UE supporting PS domain services and CS domain services (UE supports UE operation mode A).
12.2.2.6	Combined PS-attach / rejected / PS services not-allowed	<del>R99</del>	C88	UE supporting PS domain services and CS domain services (UE supports UE operation mode A).
<del>12.2.2.7a</del>	Combined PS attach / rejected / location area not allowed	<del>R99</del>	C88	UE supporting PS domain services and CS domain services (UE supports UE operation mode A).

Clause	Title	Release	Applicability	Comments
<del>12.2.2.7b</del>	Combined PS attach / rejected / No Suitable Cells In Location Area	<del>R99</del>	C88	UE supporting PS domain services and CS domain services (UE supports UE operation mode A).
12.2.2.8	Combined PS attach / abnormal cases / attempt counter check / miscellaneous reject causes	<del>R99</del>	C88	UE supporting PS domain services and CS domain services (UE supports UE operation mode A).
12.2.2.9	Combined PS attach / abnormal cases / PS detach procedure collision	R99	C88	UE-supporting PS domain services and CS domain services (UE supports UE operation mode A).
12.3.1.1	PS detach / power off / accepted	<del>R99</del>	<del>C12</del>	UE supporting PS domain services.
12.3.1.2	PS detach / accepted	<del>R99</del>	C12	UE supporting PS domain services.
12.3.1.3	PS detach / abnormal cases / attempt counter	<del>R99</del>	<del>C12</del>	UE supporting PS domain services.
12.3.1.4	check / procedure timeout PS detach / abnormal cases / GMM common procedure collision	R99	C12	UE supporting PS domain services.
12.3.1.5	PS detach / power off / accepted	<del>R99</del>	C88	UE-supporting PS domain services and CS domain services ( UE support UE operation mode A).
12.3.1.6	PS detach / accepted / PS/IMSI detach	<del>R99</del>	<del>C211</del>	UE supporting user requested combined circuit switch and packet switch detach without power off.
12.3.1.7	PS detach / accepted / IMSI detach	R99	C212	UE supporting user requested non-PS detach.
12.3.1.8	PS detach / abnormal cases / change of cell into new routing area	R99	C211	UE supporting user requested combined circuit switch and packet switch detach without power off.
<del>12.3.1.9</del>	PS detach / abnormal cases / PS detach procedure collision	<del>R99</del>	<del>C211</del>	UE supporting user requested combined circuit switch and packet switch detach without power off.
12.3.2.1	PS detach / re-attach not required / accepted	<del>R99</del>	<del>C12</del>	UE supporting PS domain services.
12.3.2.2	PS detach / rejected / IMSI invalid / PS services not allowed	<del>R99</del>	C12	UE supporting PS domain services.
12.3.2.3	PS detach / IMSI detach / accepted	<del>R99</del>	C88	UE supporting PS domain services and CS domain services ( UE suppor UE operation mode A).
12.3.2.4	PS detach / re-attach requested / accepted	<del>R99</del>	C88	UE supporting PS domain services and CS domain services ( UE support UE operation mode A).
12.3.2.5	PS detach / rejected / location area not allowed	<del>R99</del>	C12	UE supporting PS domain services.
<del>12.3.2.6</del>	PS detach / rejected / No Suitable Cells In Location Area	<del>R99</del>	<del>C12</del>	UE supporting PS domain services.
12.4.1.1	Routing area updating / accepted	R99	<del>C12</del>	UE supporting PS domain services.
12.4.1.2	Routing area updating / rejected / IMSI invalid / illegal ME	R99	C12	UE supporting PS domain services.
12.4.1.3	Routing area updating / rejected / UE identity cannot be derived by the network	R99	C12	UE supporting PS domain services.
12.4.1.4a	Routing area updating / rejected / location area not allowed	R99	C12	UE-supporting PS domain services.
12.4.1.4b	Routing area updating / rejected / No Suitable Cells In Location Area	R99	C12	UE-supporting PS domain services.
<del>12.4.1.5</del>	Routing area updating / abnormal cases / attempt counter check / miscellaneous reject causes	<del>R99</del>	<del>C12</del>	UE supporting PS domain services.
12.4.1.6	Routing area updating / abnormal cases / change of cell into new routing area	<del>R99</del>	C12	UE supporting PS domain services.
12.4.1.7	Routing area updating / abnormal cases / change of cell during routing area updating procedure	<del>R99</del>	<del>C12</del>	UE supporting PS domain services.
12.4.1.8	Routing area updating / abnormal cases / P- TMSI reallocation procedure collision	<del>R99</del>	<del>C12</del>	UE supporting PS domain services.
12.4.2.1	Combined routing area updating / combined RA/LA accepted	<del>R99</del>	C88	UE supporting PS domain services and CS domain services (UE support UE operation mode A).
<del>12.4.2.2</del>	Combined routing area updating / UE in CS operation at change of RA	<del>R99</del>	C88	UE supporting PS domain services and CS domain services (UE support UE operation mode A).
12.4.2.3	Combined routing area updating / RA only accepted	<del>R99</del>	C88	UE supporting PS domain services and CS domain services (UE support UE operation mode A).
12.4.2.4	Combined routing area updating / rejected / PLMN not allowed	<del>R99</del>	C88	UE-supporting PS domain services and CS domain services (UE support UE operation mode A).

Clause	Title	Release	Applicability	Comments
<del>12.4.2.5a</del>	Combined routing area updating / rejected / roaming not allowed in this location area	<del>R99</del>	C88	UE supporting PS domain services and CS domain services (UE suppor UE operation mode A).
<del>12.4.2.5b</del>	Combined routing area updating / rejected / No-Suitable Cells In Location Area	<del>R99</del>	C88	UE supporting PS domain services and CS domain services (UE suppor
12.4.2.6	Combined routing area updating / abnormal cases / access barred due to access class	R99	C88	UE operation mode A).  UE supporting PS domain services and CS domain services (UE support
10.1.0.7	control	Doo	000	UE operation mode A).
12.4.2.7	Combined routing area updating / abnormal cases / attempt counter check / procedure timeout	<del>R99</del>	C88	UE supporting PS domain services and CS domain services (UE suppor UE operation mode A).
12.4.2.8	Combined routing area updating / abnormal cases / change of cell into new routing area	<del>R99</del>	C88	UE supporting PS domain services and CS domain services (UE suppor UE operation mode A).
12.4.2.9	Combined routing area updating / abnormal cases / change of cell during routing area updating procedure	<del>R99</del>	C88	UE-supporting PS domain services and CS domain services (UE-suppor UE-operation mode A).
12.4.2.10	Combined routing area updating / abnormal cases / PS detach procedure collision	<del>R99</del>	C88	UE supporting PS domain services and CS domain services (UE suppor UE operation mode A).
12.4.3.1	Periodic routing area updating / accepted	R99	C12	UE supporting PS domain services.
<del>12.4.3.2</del>	Periodic routing area updating / accepted / T3312 default value	<del>R99</del>	<del>C12</del>	UE supporting PS domain services.
12.4.3.3	Periodic routing area updating / no cell available / network mode I	R99	<del>C12</del>	UE supporting PS domain services.
12.4.3.4	Periodic routing area updating / no cell available	<del>R99</del>	C88	UE-supporting PS domain services and CS domain services (UE-support UE-operation mode A).
<del>12.5</del>	P-TMSI reallocation	<del>R99</del>	<del>C12</del>	UE supporting PS domain services.
<del>12.6.1.1</del>	Authentication accepted	R99	<del>C12</del>	UE supporting PS domain services.
<del>12.6.1.2</del>	Authentication rejected - by the network	<del>R99</del>	<del>C12</del>	UE supporting PS domain services.
<del>12.6.1.3.1</del>	GMM cause 'MAC failure'	<del>R99</del>	C12	UE supporting PS domain services
<del>12.6.1.3.2</del>	GMM cause 'Synch failure'	<del>R99</del>	<del>C12</del>	UE supporting PS domain services
12.6.1.3.3	Authentication rejected by the UE / fraudulent network	<del>R99</del>	<del>C12</del>	UE supporting PS domain services
<del>12.7.1</del>	General Identification	<del>R99</del>	<del>C12</del>	UE supporting PS domain services.
<del>12.8</del>	GMM READY timer handling	<del>R99</del>	<del>C12</del>	UE supporting PS domain services.
<del>12.9.1</del> <del>12.9.2</del>	Service Request Initiated by UE Procedure Service Request Initiated by Network Procedure	R99 R99	C12 C12	UE-supporting PS domain services. UE-supporting PS domain services.
12.9.3	Service Request / rejected / Illegal MS	R99	C12	UE supporting PS domain services.
12.9.4	Service Request / rejected / PS services not allowed	<del>R99</del>	C12	UE supporting PS domain services.
<del>12.9.5</del>	Service Request / rejected / MS identity cannot be derived by the network	<del>R99</del>	<del>C12</del>	UE supporting PS domain services.
12.9.6	Service Request / rejected / PLMN not allowed	<del>R99</del>	<del>C12</del>	UE supporting PS domain services.
<del>12.9.7a</del>	Service Request / rejected / No PDP context activated	R99	C12	UE supporting PS domain services.
<del>12.9.7b</del>	Service Request / rejected / No Suitable Cells In Location Area	R99	<del>C12</del>	UE supporting PS domain services.
12.9.8	Service Request / Abnormal cases / Access barred due to access class control	R99	C12	UE supporting PS domain services.
12.9.9	Service Request / Abnormal cases / Routing area update procedure is triggered	R99	C12	UE supporting PS domain services.
<del>12.9.10</del>	Service Request / Abnormal cases / Power off	<del>R99</del>	C12	UE supporting PS domain services.
<del>12.9.11</del>	Service Request / Abnormal cases / Service request procedure collision	<del>R99</del>	<del>C12</del>	UE supporting PS domain services.
GENERAL T				1
13.2.1.1	Emergency call / with USIM / accept case	<del>R99</del>	<del>C96</del>	UEs supporting emergency speech call
13.2.2.1	Emergency call / without USIM / accept case	<del>R99</del>	<del>C96</del>	UEs supporting emergency speech call
13.2.2.2	Emergency call / without USIM / reject case	<del>R99</del>	<del>C96</del>	UEs supporting emergency speech call
RADIO BEAR	RER SERVICES			
	Combinations on DPCH			
14.2.1	Stand-alone UL:1.7 DL:1.7 kbps SRBs for DCCH	<del>R99</del>	C107	UEs supporting FDD and reference radio bearer configuration "Stand-alone UL:1.7 DL:1.7 kbps SRBs for DCCH"
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Clause	Title	Release	Applicability	Comments
	DCCH			radio bearer configuration "Stand-alone UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.3	Stand-alone UL:13.6 DL:13.6 kbps SRBs for DCCH	<del>R99</del>	C109	UEs supporting FDD and reference radio bearer configuration "Stand-alone UL:13.6 DL:13.6 kbps SRBs for DCCH"
14.2.4	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	R99	C110	UEs supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
<del>14.2.4a</del>	Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	<del>R99</del>	FFS	
14.2.5	Conversational / speech / UL:10.2 DL:10.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	R99	C111	UE-supporting FDD and reference radio bearer configuration "Conversational / speech / UL:10.2 DL:10.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
<del>14.2.5a</del>	Conversational / speech / UL:(10.2, 6.7, 5.9, 4.75) DL:(10.2, 6.7, 5.9, 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	<del>R99</del>	FFS	
14.2.6	Conversational / speech / UL:7.95 DL:7.95 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	R99	C112	UE-supporting FDD and reference radio bearer configuration "Conversational / speech / UL:7.95 DL:7.95 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.7	Conversational / speech / UL:7.4 DL:7.4 kbps / CS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH	<del>R99</del>	<del>C113</del>	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:7.4 DL:7.4 kbps / CS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH"
<del>14.2.7a</del>	Conversational / speech / UL:(7.4, 6.7, 5.9, 4.75) DL:(7.4, 6.7, 5.9, 4.75) kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	R99	FFS	
14.2.8	Conversational / speech / UL:6.7 DL:6.7 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	R99	C114	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:6.7 DL:6.7 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.9	-Conversational / speech / UL:5.9 DL:5.9 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	<del>R99</del>	C115	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:5.9 DL:5.9 kbps / CS RAB + UL:3.4 DL:3.kbps SRBs for DCCH"
14.2.10	Conversational / speech / UL:5.15 DL:5.15 kbps / CS RAB + UL:1.7 DL:1.7 kbps SRBs for DCCH	<del>R99</del>	C116	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:5.15 DL:5.15 kbps / CS RAB + UL:1.7 DL:1.7 kbps SRBs for DCCH"
14.2.11	Conversational / speech / UL:4.75 DL:4.75 kbps / CS RAB + UL:1.7 DL:1.7 kbps SRBs for DCCH	R99	C117	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:4.75 DL:4.75 kbps / CS RAB + UL:1.7 DL:1.7 kbps SRBs for DCCH"
<del>14.2.12</del>	Conversational / unknown / UL:28.8 DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	<del>R99</del>	C118	UE supporting FDD and reference radio bearer configuration "Conversational / unknown / UL:28.8 DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.13.1	Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	R99	C119	UE supporting FDD and reference radio bearer configuration "Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"
14.2.13.2	Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI	<del>R99</del>	C120	UE supporting FDD and reference radio bearer configuration "Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI"
14.2.14.1	Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	<del>R99</del>	C121	UE supporting FDD and reference radio bearer configuration "Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4

Clause	Title	Release	Applicability	Comments
440440	Occupantianal (and as a fill of D) of the	Doo	0400	kbps SRBs for DCCH / 20 ms TTI"
14.2.14.2	Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI	<del>R99</del>	C122	UE-supporting FDD and reference radio bearer configuration "Conversational / unknown / UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI"
14.2.15	Streaming / unknown / UL:14.4/DL:14.4 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	<del>R99</del>	C123	UE supporting FDD and reference radio bearer configuration "Streaming / unknown / UL:14.4/DL:14.4 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.16	Streaming / unknown / UL:28.8/DL:28.8 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	<del>R99</del>	G124	UE supporting FDD and reference radio bearer configuration "Streaming / unknown / UL:28.8/DL:28.8 kbps / GS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.17	Streaming / unknown / UL:57.6/DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	R99	C125	UE-supporting FDD and reference radio bearer configuration "Streaming / unknown / UL:57.6/DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.18	Streaming / unknown / UL:0 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	<del>R99</del>	C126	UE supporting FDD and reference radio bearer configuration "Streaming / unknown / UL:0 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.19	Streaming / unknown / UL:64 DL:0 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	<del>R99</del>	<del>C127</del>	UE supporting FDD and reference radio bearer configuration "Streaming / unknown / UL:64 DL:0 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.20	Streaming / unknown / UL:0 DL:128 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	<del>R99</del>	C128	UE supporting FDD and reference radio bearer configuration "Streaming / unknown / UL:0 DL:128 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.21	Streaming / unknown / UL:128 DL:0 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	<del>R99</del>	C129	UEs supporting FDD and reference radio bearer configuration "Streaming / unknown / UL:128 DL:0 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.22	Streaming / unknown / UL:0 DL:384 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	R99	C130	UE-supporting FDD and reference radio bearer configuration "Streaming / unknown / UL:0 DL:384 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.23.1	Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 10 ms TTI)	<del>R99</del>	<del>C131</del>	UE-supporting FDD and reference radio bearer configuration "Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 10 ms TTI)"
14.2.23.2	Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)	<del>R99</del>	C132	UE-supporting FDD and reference radio bearer configuration "Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)"
14.2.23.3	Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 10 ms TTI)	<del>R99</del>	C133	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 10 ms TTI)"
14.2.23.4	Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)	<del>R99</del>	C134	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)"

Clause	Title	Release	Applicability	Comments
<del>14.2.23a</del>	Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	<del>R99</del>	<del>FFS</del>	
<del>14.2.23b</del>	Interactive or background / UL:16 DL:16 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	<del>R99</del>	FFS	
14.2.23c	Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	R99	FFS	
<del>14.2.23d</del>	Interactive or background / UL:32 DL:32 kbps / PS RAB (20 ms TTI) + UL:3.4 DL:3.4 kbps SRBs for DCCH.	<del>R99</del>	FFS	
14.2.24.1	Interactive or background / UL:64 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / TC	<del>R99</del>	C135	UE-supporting FDD and reference radio bearer configuration "Interactive or background / UL:64 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / TC"
14.2.24.2	Interactive or background / UL:64 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / CC	<del>R99</del>	<del>C207</del>	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:64 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / CC"
14.2.25.1	Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/ (TC, 10 ms TTI)	<del>R99</del>	C136	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH/ (TC, 10 ms TTI)"
14.2.25.2	Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)	R99	C137	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)"
14.2.25.3	Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 10 ms TTI)	<del>R99</del>	C138	UE-supporting FDD and reference radio bearer configuration "Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)."
14.2.25.4	Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)	R99	C139	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)"
14.2.26	Interactive or background / UL:64 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	R99	C140	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:64 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.27	Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	<del>R99</del>	<del>C141</del>	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.28	Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	<del>R99</del>	C142	UE-supporting FDD and reference radio bearer configuration "Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.29	Interactive or background / UL:64 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH	<del>R99</del>	C143	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:64 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH"
14.2.30	Interactive or background / UL:144 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH	R99	C144	UE-supporting FDD and reference radio bearer configuration "Interactive or background / UL:144 DL:144 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH"
14.2.31.1	Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH /10 ms TTI	<del>R99</del>	C145	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL:

Clause	Title	Release	Applicability	Comments
14.2.31.2	Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH /20 ms TTI	R99	C146	3.4 kbps SRBs for DCCH /10 ms TTI"  UE supporting FDD and reference radio bearer configuration  "Interactive or background / UL:64  DL:256 kbps / PS RAB + UL:3.4 DL:  3.4 kbps SRBs for DCCH /20 ms TTI"
14.2.32.1	Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 10 ms TTI	R99	C147	UE-supporting-FDD and reference radio bearer configuration "Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 10 ms TTI"
14.2.32.2	Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 20 ms TTI	R99	C148	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / 20 ms TTI"
14.2.33.1	Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	<del>R99</del>	C149	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI"
14.2.33.2	Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	<del>R99</del>	C150	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:128 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"
14.2.34.1	Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	R99	C151	UEs supporting FDD and reference radio bearer configuration "Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI"
14.2.34.2	Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	R99	<del>C152</del>	UE-supporting FDD and reference radio bearer configuration "Interactive or background / UL:384 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"
14.2.35.1	Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	R99	C153	UE-supporting FDD and reference radio bearer configuration "Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms
14.2.35.2	Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	<del>R99</del>	C154	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:64 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"
14.2.36.1	Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	R99	C155	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI"
14.2.36.2	Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	<del>R99</del>	C156	UE-supporting-FDD and reference radio bearer configuration "Interactive or background / UL::128 DL::2048 kbps / PS RAB + UL::3.4 DL::3.4 kbps SRBs for DCCH / 20 ms TTI"
14.2.37.1	Interactive or background / UL:384 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	<del>R99</del>	C157	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:384 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI"
14.2.37.2	Interactive or background / UL:384 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	<del>R99</del>	C158	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:384 DL:2048 kbps / PS RAB + UL:3.4

Clause	Title	Release	Applicability	Comments
				DL:3.4 kbps SRBs for DCCH / 20 ms
14.2.38.1	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps-SRBs for DCCH / (TC, 20 ms TTI)	<del>R99</del>	<del>C159</del>	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)"
14.2.38.2	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 10 ms TTI)	<del>R99</del>	C160	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (TC, 10 ms TTI)"
14.2.38.3	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 10 ms TTI)	R99	C161	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 10 ms TTI)"

Clause	Title Title	Release	Applicability	Comments
14.2.38.4	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)	R99	C162	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)"
<del>14.2.38a</del>	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:0 DL:0 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	R99	FFS	
14.2.38b	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	R99	FFS	
14.2.38c	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	R99	FFS	
14.2.38d	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + Interactive or background / UL:64 DL:64 bps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	<del>R99</del>	FFS	
14.2.38e	Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:0 DL:0 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	R99	FFS	
14.2.38f	Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	R99	FFS	
<del>14.2.38g</del>	Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:16 DL:16 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	R99	FFS	
14.2.38h	Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:32 DL:32 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	R99	FFS	
14.2.38i	Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	R99	FFS	
<del>14.2.38j</del>	Conversational / speech / UL:(12.2 7.95 5.9 4.75) DL:(12.2 7.95 5.9 4.75) kbps / CS RAB + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	R99	FFS	
14.2.39.1	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (TC, 10 ms TTI)	<del>R99</del>	C163	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (TC, 10 ms TTI)"
14.2.39.2	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)	<del>R99</del>	C164	UE-supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (TC, 20 ms TTI)"
14.2.39.3	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (CC, 10 ms TTI)	<del>R99</del>	C165	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH / (CC, 10 ms TTI)"

Clause	Title	Release	Applicability	Comments
14.2.39.4	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)	R99	C166	UE-supporting FDD-and-reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:32 DL:64 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)"
14.2.40	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB+ UL:3.4 DL: 3.4 kbps SRBs for DCCH	<del>R99</del>	C167	UE-supporting FDD-and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for DCCH"
14.2.41	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	<del>R99</del>	C168	UE-supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.42.1	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	<del>R99</del>	C169	UE-supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI"
14.2.42.2	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	<del>R99</del>	<del>C170</del>	UE-supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"
14.2.43.1	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	<del>R99</del>	<del>C171</del>	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI"
14.2.43.2	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	<del>R99</del>	C172	UE-supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12:2 DL:12:2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"
14.2.44.1	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI	<del>R99</del>	C173	UE-supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 10 ms TTI"
14.2.44.2	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	<del>R99</del>	C174	UE-supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:128 DL:2048 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"
14.2.45	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:57.6 DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	<del>R99</del>	C175	UE-supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:57.6 DL:57.6 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.46	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:0 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	<del>R99</del>	C176	UE-supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:0 DL:64 kbps / CS RAB

Clause	Title	Release	Applicability	Comments + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.47	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:0 DL:128 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	<del>R99</del>	C177	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:0 DL:128 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.48	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:0 DL:384 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	<del>R99</del>	C178	UE-supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Streaming / unknown / UL:0 DL:384 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.49.1	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	<del>R99</del>	<del>C179</del>	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"
14.2.49.2	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI	<del>R99</del>	<del>C180</del>	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI"
14.2.50.1	Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI	<del>R99</del>	C181	UE supporting FDD and reference radio bearer configuration "Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI"
14.2.50.2	Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI	<del>R99</del>	C182	UE supporting FDD and reference radio bearer configuration "Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Conversational / unknown / UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / 40 ms TTI"
14.2.51.1	Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	<del>R99</del>	C183	UE supporting FDD and reference radio bearer configuration "Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.51.2	Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	R99	C184	UE supporting FDD and reference radio bearer configuration "Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
<del>14.2.51a</del>	Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or Background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	R99	FFS	
14.2.51b	Conversational / unknown / UL:64 DL:64 kbps / CS RAB + Interactive or Background / UL:16 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	R99	FFS	
14.2.52.1	Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	<del>R99</del>	C185	UE-supporting FDD and reference radio bearer configuration "Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.52.2	Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:64 DL:128 kbps / PS RAB +	<del>R99</del>	C186	UE-supporting FDD and reference radio bearer configuration "Conversational / unknown / UL:64

Clause	Title	Release	Applicability	Comments
	UL:3.4 DL:3.4 kbps SRBs for DCCH			DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:64 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.53.1	Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or	<del>R99</del>	C187	UE supporting FDD and reference radio bearer configuration
	background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH			"Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 20 ms TTI + Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.2.53.2	Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	<del>R99</del>	C188	UE supporting FDD and reference radio bearer configuration "Conversational / unknown / UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or background / UL:128 DL:128 kbps / PS RAB + UL:3.4
14.2.54	Interactive or background / UL:64 DL:128 kbps / PS RAB + Streaming / unknown / UL:0 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	<del>R99</del>	C189	DL:3.4 kbps SRBs for DCCH"  UE supporting FDD and reference radio bearer configuration  "Interactive or background / UL:64  DL:128 kbps / PS RAB + Streaming / unknown / UL:0 DL:64 kbps / CS RAB
14.2.55	Interactive or background / UL:64 DL:128 kbps / PS RAB + Streaming / unknown / UL:0 DL:128 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	<del>R99</del>	C190	+ UL:3.4 DL:3.4 kbps SRBs for DCCl UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:64 DL:128 kbps / PS RAB + Streaming / unknown / UL:0 DL:128 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for
14.2.56	Interactive or background / UL:8 DL:8 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps	R99	FFS	DCCH"
14.2.57	SRBs for DCCH. Interactive or background / UL:64 DL:64 kbps / PS RAB + Interactive or background / UL:64 DL:64 kbps / PS RAB + UL:3.4 DL:3.4 kbps	<del>R99</del>	FFS	
14.2.58	SRBs for DCCH.  Streaming / unknown / UL:16 DL:64 kbps / PS RAB + Interactive or background / UL:8 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH.	R99	FFS	
	Combinations on PDSCH and DPCH			
14.3.1.1	Interactive or background / UL:64 DL:256 kbps / PS RAB / 10 ms TTI + UL:3.4 DL: 3.4 kbps SRBs for DCCH	R99	C191	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:64 DL:256 kbps / PS RAB / 10 ms TTI + UL:3.4 DL: 3.4 kbps SRBs for DCCH
14.3.1.2	Interactive or background / UL:64 DL:256 kbps / PS RAB / 20 ms TTI + UL:3.4 DL: 3.4 kbps SRBs for DCCH	<del>R99</del>	C192	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:64 DL:256 kbps / PS RAB / 20 ms TTI + UL:3.4 DL: 3.4 kbps SRBs for DCCH
14.3.2.1	Interactive or background / UL:64 DL:384 kbps / PS RAB / 10 ms TTI + UL:3.4 DL: 3.4 kbps SRBs for DCCH	<del>R99</del>	C193	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:64 DL:384 kbps / PS RAB / 10 ms TTI + UL:3.4 DL: 3.4 kbps SRBs for DCCH
14.3.2.2	Interactive or background / UL:64 DL:384 kbps / PS RAB / 20 ms TTI + UL:3.4 DL: 3.4 kbps SRBs for DCCH	R99	<del>C194</del>	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:64 DL:384 kbps / PS RAB / 20 ms TTI + UL:3.4 DL: 3.4 kbps SRBs for DCCH
14.3.3.1	Interactive or background / UL:64 DL:2048 kbps / PS RAB / 10 ms TTI + UL:3.4 DL: 3.4 kbps SRBs for DCCH	<del>R99</del>	C195	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:64 DL:2048 kbps / PS RAB / 10 ms TTI UL:3.4 DL: 3.4 kbps SRBs for DCCH
14.3.3.2	Interactive or background / UL:64 DL:2048 kbps / PS RAB / 20 ms TTI + UL:3.4 DL: 3.4 kbps SRBs for DCCH	<del>R99</del>	C196	UE supporting FDD and reference radio bearer configuration "Interactive or background / UL:64 DL:2048 kbps / PS RAB / 20 ms TTI
	Conversational / speech / UL:12.2 DL:12.2	<del>R99</del>	C197	UL:3.4 DL: 3.4 kbps SRBs for DCCH UE supporting FDD and reference

Clause	Title	Release	Applicability	Comments
	kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB / 10 ms TTI + UL:3.4 DL:3.4 kbps SRBs for DCCH			radio-bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB / 10 ms TTI + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.3.4.2	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB / 20 ms TTI + UL:3.4 DL:3.4 kbps SRBs for DCCH	<del>R99</del>	C198	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:256 kbps / PS RAB / 20 ms TTI + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.3.5.1	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB / 10 ms TTI + UL:3.4 DL:3.4 kbps SRBs for DCCH	<del>R99</del>	<del>C199</del>	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB / 10 ms TTI + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.3.5.2	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB / 20 ms TTI + UL:3.4 DL:3.4 kbps SRBs for DCCH	<del>R99</del>	<del>C200</del>	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:384 kbps / PS RAB / 20 ms TTI + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.3.6.1	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:2048 kbps / PS RAB / 10 ms TTI + UL:3.4 DL:3.4 kbps SRBs for DCCH	R99	C201	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:2048 kbps / PS RAB / 10 ms TTI + UL:3.4 DL:3.4 kbps SRBs for DCCH"
14.3.6.2	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:2048 kbps / PS RAB / 20 ms TTI + UL:3.4 DL:3.4 kbps SRBs for DCCH	<del>R99</del>	C202	UE supporting FDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background / UL:64 DL:2048 kbps / PS RAB / 20 ms TTI + UL:3.4 DL:3.4 kbps SRBs for DCCH"
	Combinations on SCCPCH			- Tape of the fact
14.4.1	Stand-alone signalling RB for PCCH	<del>R99</del>	C203	UE supporting FDD and reference radio bearer configuration "Stand-alone signalling RB for PCCH"
14.4.2	Interactive/Background 32 kbps PS RAB + SRBs for CCCH + SRB for DCCH + SRB for BCCH	R99	<del>C204</del>	UE supporting FDD and reference radio bearer configuration "Interactive/Background 32 kbps PS RAB + SRBs for CCCH + SRB for DCCH + SRB for BCCH"
14.4.3	Interactive/Background 32 kbps RAB + SRBs for PCCH + SRB for CCCH + SRB for DCCH + SRB for BCCH	<del>R99</del>	C205	UE supporting FDD and reference radio bearer configuration "Interactive/Background 32 kbps RAB + SRBs for PCCH + SRB for CCCH + SRB for BCCH"
14.4.4	RB for CTCH + SRB for CCCH +SRB for BCCH.	R99	FFS	
14.5.1	Combinations on PRACH Interactive/Background 32 kbps PS RAB + SRB for CCCH + SRB for DCCH	R99	C206	UE supporting FDD and reference radio bearer configuration "Interactive/Background 32 kbps PS RAB + SRB for CCCH + SRB for DCCH"
SMS	CMC and CC made / CMC made /	Doc	040	LUE complete of resolution Of the
<del>16.1.1</del>	SMS on CS mode / SMS mobile terminated	R99	C18	UE capable of receiving Short Message at any time on CS mode.
16.1.2	SMS on CS mode / SMS mobile originated	R99	<del>C20</del>	UE capable of submitting Short Message at any time on CS mode.
<del>16.1.3</del>	SMS on CS mode / Test of memory full condition and memory available notification	<del>R99</del>	<del>C21</del>	UE capable of sending the correct acknowledgement of memory full condition on CS mode.
16.1.4	SMS on CS mode / Test of the status report capabilities and of SMS-COMMAND	R99	<del>C22</del>	UEs supporting the status report capabilities on CS mode.

Clause	Title	Release	Applicability	Comments
<del>16.1.5.1</del>	SMS on CS mode / Short message class 0	R99	C23	UE capable of displaying short
40450	CMC on CC made / Test of place 4 about	Doo	004	messages on CS mode
<del>16.1.5.2</del>	SMS on CS mode / Test of class 1 short messages	<del>R99</del>	C24	UE capable of displaying short messages and storing of received Class 1 Short Messages on CS mode
16.1.5.3	SMS on CS mode / Test of class 2 short messages	<del>R99</del>	<del>C25</del>	UE capable of displaying short messages and storing of received Class 2 Short Messages in the SIM on CS mode.
16.1.5.4	SMS on CS mode / Test of class 3 short messages	<del>R99</del>	<del>[FFS]</del>	[FFS]
16.1.6	SMS on CS mode / Test of short message type 0 (???)	R99	[FFS]	<del>[FFS]</del>
<del>16.1.7</del>	SMS on CS mode / Test of the replace mechanism for SM type 1-7	<del>R99</del>	<del>C33</del>	UEs which support Replace Short Messages and display of received Short Messages on CS mode.
16.1.8	SMS on CS mode / Test of the reply path scheme	R99	C34	UEs which support reply procedures (the class of UEs for which this is mandatory is described in TS 23.040, annex 4) displaying of received Short Messages and submitting Short Messages on CS mode.
16.1.9.1	SMS on CS mode / Multiple SMS mobile originated / UE in idle mode	<del>R99</del>	C35	UE supporting the ability of sending multiple short messages on the same RR connection when there is no call in progress on CS mode.
16.1.9.2	SMS on CS mode / Multiple SMS mobile originated / UE in active mode	<del>R99</del>	C36	UE supporting the ability of sending concatenated multiple short messages when there is a call in progress on CS mode.
16.1.10	SMS on CS mode / Test of capabilities of simultaneously receiving a short message whilst sending a mobile originated short message	<del>R99</del>	C101	UE capable of receiving Short Message whilst sending Short Message on CS mode.
16.2.1	SMS on PS mode / SMS mobile terminated	<del>R99</del>	<del>C26</del>	UE capable of receiving Short Message at any time on PS mode.
<del>16.2.2</del>	SMS on PS mode / SMS mobile originated	R99	C27	UE capable of submitting Short Message at any time on PS mode.
16.2.3	SMS on PS mode / Test of memory full condition and memory available notification	<del>R99</del>	<del>C28</del>	UE capable of sending the correct acknowledgement of memory full condition in PS mode.
16.2.4	SMS on PS mode / Test of the status report capabilities and of SMS-COMMAND	R99	C29	UEs supporting the status report capabilities in PS mode.
16.2.5.1	Short message class 0	R99	C30	UE capable of displaying short messages in PS mode
16.2.5.2	SMS on PS mode / Test of class 1 short messages	<del>R99</del>	C31	UE-capable of displaying short messages and storing of received Class 1 Short Messages in PS mode
16.2.5.3	SMS on PS mode / Test of class 2 short messages	<del>R99</del>	C32	UE capable of displaying short messages and storing of received Class 2 Short Messages in the SIM in PS mode.
16.2.5.4	SMS on PS mode / Test of class 3 short messages	R99	[FFS]	[FFS]
16.2.6	SMS on PS mode / Test of short message type 0 (???)	R99	[FFS]	[FFS]
16.2.7	SMS on PS mode / Test of the replace mechanism for SM type 1-7	R99	C37	UEs which support Replace Short Messages and display of received Short Messages in PS mode.
16.2.8	SMS on PS mode / Test of the reply path scheme	<del>R99</del>	C38	UEs which support reply procedures (the class of UEs for which this is mandatory is described in TS 23.040, annex 4) displaying of received Short Messages and submitting Short Messages in PS mode.
16.2.10	SMS on PS mode / Test of capabilities of simultaneously receiving a short message whilst sending a mobile originated short message	R99	C102	UE-capable of receiving Short Message whilst sending Short Message on PS mode.
16.3	Short message service cell broadcast	R99	C219	UE capable of receiving broadcast messages.
<b>USER EQUI</b>	PMENT FEATURES			
<del>17.1.2</del>	Constraining the access to a single number	R99	<del>C93</del>	All UEs supporting autocalling
17.1.3	Constraining the access to a single number	R99	C93	All UEs supporting autocalling

Clause	Title	Release	Applicability	Comments
17.1.4	Behaviour of the MS when its list of blacklisted	<del>R99</del>	C94	UEs that are capable of autocalling more than M B-party numbers.
Multi-Lavor	Functional Tests			more than will party humbers.
<del>18.1</del>	RAB Tests for TDD (1.28 Mcps option) Combinations on DPCH			
18.1.2.1	Stand-alone UL:1.7 DL:1.7 kbps SRBs for DCCH	Rel-4	<del>C220</del>	UEs supporting LCRTDD and reference radio bearer configuration "Stand-alone UL:1.7 DL:1.7 kbps SRBs for DCCH"
<del>18.1.2.2</del>	Stand-alone UL:3.4 DL:3.4 kbps SRBs for DCCH	Rel-4	G221	UEs supporting LCRTDD and reference radio bearer configuration "Stand-alone UL:3.4 DL:3.4 kbps SRBs for DCCH"
<del>18.1.2.3</del>	Stand-alone UL:13.6 DL:13.6 kbps SRBs for DCCH	Rel-4	G222	UEs supporting LCRTDD and reference radio bearer configuration "Stand-alone UL:13.6 DL:13.6 kbps SRBs for DCCH"
18.1.2.4	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Rel-4	C223	UEs supporting LCRTDD and reference radio bearer configuration "Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
18.1.2.5	Conversational / speech / UL:10.2 DL:10.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Rel-4	C224	UE supporting LCRTDD and reference radio bearer configuration "Conversational / speech / UL:10.2 DL:10.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
18.1.2.6	Conversational / speech / UL:7.95 DL:7.95 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Rel-4	C225	UE supporting LCRTDD and reference radio bearer configuration "Conversational / speech / UL:7.95 DL:7.95 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"
18.1.2.7	Conversational / speech / UL:7.4 DL:7.4 kbps / CS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH	Rel-4	C226	UE-supporting LCRTDD and reference radio bearer configuration "Conversational / speech / UL:7.4 DL:7.4 kbps / CS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH"
18.1.2.8	Conversational / speech / UL:6.7 DL:6.7 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	Rel-4	G227	UE supporting LCRTDD and reference radio bearer configuration "Conversational / speech / UL:6.7 DL:6.7 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH"

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IF A.1/1 THEN R ELSE N/A
C02 IF A.1/2 THEN R ELSE N/A
    IF A.1/3 THEN R ELSE N/A
C03
C04 IF A.1/1 AND A.2/2 THEN R ELSE N/A
C05 IF A.1/1 AND A.1/4 THEN R ELSE N/A
C06 IF A.1/1 AND A.3/2 THEN R ELSE N/A
C07 IF A.1/1 AND A.20/27 THEN R ELSE N/A
C08 IF A.1/1 AND A.20/28 THEN R ELSE N/A
C09 IF A.1/1 AND NOT A.20/3 THEN R ELSE N/A
C10 IF A.20/4 THEN R ELSE N/A
C11 IF A.20/5 THEN R ELSE N/A
C12 IF A.3/2 THEN R ELSE N/A
C13 IF A.2/1 OR A.2/2 OR A.10/2 THEN R ELSE N/A
C14 IF A.20/4 OR A.20/5 THEN R ELSE N/A
C15 IF A.10/2 THEN R ELSE N/A
C16 IF A.20/1 THEN R ELSE N/A
C17 IF A.3/3 AND A.20/7 THEN R ELSE N/A
C18 IF A.2/3 THEN R ELSE N/A
C19 (void)
C20 IF A.2/4 THEN R ELSE N/A
C21 IF A.20/8 AND A.3/1 THEN R ELSE N/A
C22 IF A.20/9 AND A.3/1 THEN R ELSE N/A
C23 IF A.3/1 THEN R ELSE N/A
C24 IF A.20/11 AND A.3/1 THEN R ELSE N/A
C25
    IF A.20/12 AND A.3/1 THEN R ELSE N/A
C26 IF A.2/5 THEN R ELSE N/A
C27 IF A.2/6 THEN R ELSE N/A
C28 IF A.20/8 AND A.3/2 THEN R ELSE N/A
C29 IF A.20/9 AND A.3/2 THEN R ELSE N/A
C30 IF A.3/2 THEN R ELSE N/A
C31 IF A.20/11 AND A.3/2 THEN R ELSE N/A
C32 IF A.20/12 AND A.3/2 THEN R ELSE N/A
C33 IF A.20/13 AND A.3/1 THEN R ELSE N/A
C34 IF A.20/14 AND A.2/4 AND A.3/1 THEN R ELSE N/A
C35 IF A.20/15 AND A.3/1 THEN R ELSE N/A
C36 IF A.20/16 AND A.3/1 THEN R ELSE N/A
C37 IF A.20/13 AND A.3/2 THEN R ELSE N/A
C38 IF A.20/14 AND A.2/6 THEN R ELSE N/A
C39 IF A.20/15 AND A.3/2 THEN R ELSE N/A
C40 IF A.20/16 AND A.3/2 THEN R ELSE N/A
C41 IF (NOT A.20/17) AND (NOT A.20/6) AND A.20/5 THEN R ELSE N/A
C42 IF A.1/1 AND A.3/2 AND A.20/27 THEN R ELSE N/A
C43 IF A.1/1 AND (A.18a/9 or A.18a/10) THEN R ELSE N/A
C44 IF A.1/1 AND A.3/2 AND (A.18a/9 or A.18a/10) THEN R ELSE N/A
     IF A.1/1 AND A.3/2 AND A.20/3 THEN R ELSE N/A
C46 IF A.3/2 AND A.20/41 THEN R ELSE N/A
    IF A.1/1 AND (A.18a/9 or A.18a/10) AND A.3/2 AND A.20/3 THEN R ELSE N/A
C47
C48 void
C49 void
C50 IF A.20/37 AND A.1/4 AND (A.1/2 OR A.1/3) THEN R ELSE N/A
C51
C52 IF (A.1/2 OR A.1/3) AND A.3/2 THEN R ELSE N/A
      IF (A.1/2 OR A.1/3) AND A.20/27 THEN R ELSE N/A
C54 IF (A.1/2 OR A.1/3) AND A.3/2 AND A.20/27 THEN R ELSE N/A
C55
    -void
     IF (A.1/2 OR A.1/3) AND A.1/4 THEN R ELSE N/A
C56
C57
      void
C58
      void
      voic
C60
     -voic
C61
     voic
C62
      voic
C63
     -voic
C64
      voic
C65 void
C66
     voic
C67
      void
C68
     -void
C69
     voic
```

```
C70 void
C71
     voic
C72
      voic
C73 void
C74
     -- voic
C75
     voic
C76-
      void
C77
      voic
C78
C79 void
C80
     -voic
C81
      void
C82
      void
      void
C84
     ---void
C85
     ---void
C86
      voic
C87__
      void
C88 IF A.3/3 THEN R ELSE N/A.
C89
C90 void
C91
     -void
C92
     _void
C93 IF A 20/29 THEN R FLSE N/A
C94 IF A.20/29 AND A.20/30 THEN R ELSE N/A
C95 IF (A.1/1 AND A.1/4) AND (A.2/1 OR A.2/2) THEN R ELSE N/A
C96 IF A 2/2 THEN R FLSE N/A
C97 IF (A.1/1 AND A.1/4) AND A.3/1 AND (A.4/1 OR A.4/2 OR A.4/3 OR A.4/4 OR A.4/5 OR A.4/6 OR A.4/7 OR A.4/8 OR A.4/9 OR
A.4/10 OR A.4/11 OR A.4/12 OR A.4/13 OR A.4/14 OR A.4/15 OR A.4/16 OR A.4/17 OR A.4/18 OR A.4/19 OR A.4/20 OR A.4/21)
THEN R FLSE N/A
C98 IF A.3/1 OR A.3/3 THEN R ELSE N/A.
C99 IF (A.3/1 OR A.3/3) AND A.20/36 THEN R ELSE N/A.
C100 IF (A.3/1 OR A.3/3) AND A.7/30 THEN R ELSE N/A.
C101 IF A.2/3 AND A.2/4 THEN R ELSE N/A
C102 IF A.2/5 AND A.2/6 THEN R ELSE N/A
C103 IF A.3/3 AND (NOT A.20/38 ) THEN R ELSE N/A
C104 IF A.20/37 AND A.1/1 THEN R ELSE N/A
C105 IF A.20/37 AND (A.1/1 AND A.1/4) THEN R ELSE N/A
C106 IF A.1/1 AND A.2/1 AND A.2/2 THEN R ELSE N/A
C107 IF A.1/1 AND A.18c/1 THEN R ELSE N/A
C108 IF A.1/1 AND A.18c/2 THEN R ELSE N/A
C109 IF A.1/1 AND A.18c/3 THEN R ELSE N/A
C110 IF A.1/1 AND A.18c/4 THEN R ELSE N/A
C111 IF A.1/1 AND A.18c/5 THEN R ELSE N/A
C112 IF A.1/1 AND A.18c/6 THEN R ELSE N/A
C113 IF A.1/1 AND A.18c/7 THEN R ELSE N/A
C114 IF A.1/1 AND A.18c/8 THEN R ELSE N/A
C115 IF A.1/1 AND A.18c/9 THEN R ELSE N/A
C116 IF A.1/1 AND A.18c/10 THEN R ELSE N/A
C117 IF A.1/1 AND A.18c/11 THEN R ELSE N/A
C118 IF A.1/1 AND A.18c/12 THEN R ELSE N/A
C119 IF A.1/1 AND A.18c/13.1 THEN R ELSE N/A
C120 IF A.1/1 AND A.18c/13.2 THEN R ELSE N/A
C121 IF A.1/1 AND A.18c/14.1 THEN R ELSE N/A
C122 IF A.1/1 AND A.18c/14.2 THEN R ELSE N/A
C123 IF A.1/1 AND A.18c/15 THEN R ELSE N/A
C124 IF A.1/1 AND A.18c/16 THEN R ELSE N/A
C125 IF A.1/1 AND A.18c/17 THEN R ELSE N/A
C126 IF A.1/1 AND A.18c/18 THEN R ELSE N/A
C127 IF A.1/1 AND A.18c/19 THEN R ELSE N/A
C128 IF A.1/1 AND A.18c/20 THEN R ELSE N/A
C129 IF A.1/1 AND A.18c/21 THEN R ELSE N/A
C130 IF A.1/1 AND A.18c/22 THEN R ELSE N/A
C131 IF A.1/1 AND A.18c/23.1 THEN R ELSE N/A
C132 IF A.1/1 AND A.18c/23.2 THEN R ELSE N/A
C133 IF A.1/1 AND A.18c/23.3 THEN R ELSE N/A
C134 IF A.1/1 AND A.18c/23.4 THEN R ELSE N/A
C135 IF A.1/1 AND A.18c/24.1 THEN R ELSE N/A
C136 IF A.1/1 AND A.18c/25.1 THEN R ELSE N/A
C137 IF A.1/1 AND A.18c/25.2 THEN R ELSE N/A
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C138 IF A.1/1 AND A.18c/25.3 THEN R ELSE N/A
C139 IF A.1/1 AND A.18c/25.4 THEN R ELSE N/A
C140 IF A.1/1 AND A.18c/26 THEN R ELSE N/A
C141 IF A.1/1 AND A.18c/27 THEN R ELSE N/A
C142 IF A.1/1 AND A.18c/28 THEN R ELSE N/A
C143 IF A.1/1 AND A.18c/29 THEN R ELSE N/A
C144 IF A.1/1 AND A.18c/30 THEN R ELSE N/A
C145 IF A.1/1 AND A.18c/31.1 THEN R ELSE N/A
C146 IF A.1/1 AND A.18c/31.2 THEN R ELSE N/A
C147 IF A.1/1 AND A.18c/32.1 THEN R ELSE N/A
C148 IF A.1/1 AND A.18c/32.2 THEN R ELSE N/A
C149 IF A.1/1 AND A.18c/33.1 THEN R ELSE N/A
C150 IF A.1/1 AND A.18c/33.2 THEN R ELSE N/A
C151 IF A.1/1 AND A.18c/34.1 THEN R ELSE N/A
C152 IF A.1/1 AND A.18c/34.2 THEN R ELSE N/A
C153 IF A.1/1 AND A.18c/35.1 THEN R ELSE N/A
C154 IF A.1/1 AND A.18c/35.2 THEN R ELSE N/A
C155 IF A.1/1 AND A.18c/36.1 THEN R ELSE N/A
C156 IF A.1/1 AND A.18c/36.2 THEN R ELSE N/A
C157 IF A.1/1 AND A.18c/37.1 THEN R ELSE N/A
C158 IF A.1/1 AND A.18c/37.2 THEN R ELSE N/A
C159 IF A.1/1 AND A.18c/38.1 THEN R ELSE N/A
C160 IF A.1/1 AND A.18c/38.2 THEN R ELSE N/A
C161 IF A.1/1 AND A.18c/38.3 THEN R ELSE N/A
C162 IF A.1/1 AND A.18c/38.4 THEN R ELSE N/A
C163 IF A.1/1 AND A.18c/39.1 THEN R ELSE N/A
C164 IF A 1/1 AND A 18c/39 2 THEN R FLSE N/A
C165 IF A.1/1 AND A.18c/39.3 THEN R ELSE N/A
C166 IF A.1/1 AND A.18c/39.4 THEN R ELSE N/A
C167 IF A 1/1 AND A 18c/40 THEN R FLSE N/A
C168 IF A.1/1 AND A.18c/41 THEN R ELSE N/A
C169 IF A.1/1 AND A.18c/42.1 THEN R ELSE N/A
C170 IF A.1/1 AND A.18c/42.2 THEN R ELSE N/A
C171 IF A.1/1 AND A.18c/43.1 THEN R ELSE N/A
C172 IF A.1/1 AND A.18c/43.2 THEN R ELSE N/A
C173 IF A.1/1 AND A.18c/44.1 THEN R ELSE N/A
C174 IF A.1/1 AND A.18c/44.2 THEN R ELSE N/A
C175 IF A.1/1 AND A.18c/45 THEN R ELSE N/A
C176 IF A.1/1 AND A.18c/46 THEN R ELSE N/A
C177 IF A.1/1 AND A.18c/47 THEN R ELSE N/A
C178 IF A.1/1 AND A.18c/48 THEN R ELSE N/A
C179 IF A.1/1 AND A.18c/49.1 THEN R ELSE N/A
C180 IF A.1/1 AND A.18c/49.2 THEN R ELSE N/A
C181 IF A.1/1 AND A.18c/50.1 THEN R ELSE N/A
C182 IF A.1/1 AND A.18c/50.2 THEN R ELSE N/A
C183 IF A.1/1 AND A.18c/51.1 THEN R ELSE N/A
C184 IF A.1/1 AND A.18c/51.2 THEN R ELSE N/A
C185 IF A.1/1 AND A.18c/52.1 THEN R ELSE N/A
C186 IF A.1/1 AND A.18c/52.2 THEN R ELSE N/A
C187 IF A.1/1 AND A.18c/53.1 THEN R ELSE N/A
C188 IF A.1/1 AND A.18c/53.2 THEN R ELSE N/A
C189 IF A.1/1 AND A.18c/54 THEN R ELSE N/A
C190 IF A.1/1 AND A.18c/55 THEN R ELSE N/A
C191 IF A.1/1 AND A.18d/1.1 THEN R ELSE N/A
C192 IF A.1/1 AND A.18d/1.2 THEN R ELSE N/A
C193 IF A.1/1 AND A.18d/2.1 THEN R ELSE N/A
C194 IF A.1/1 AND A.18d/2.2 THEN R ELSE N/A
C195 IF A.1/1 AND A.18d/3.1 THEN R ELSE N/A
C196 IF A.1/1 AND A.18d/3.2 THEN R ELSE N/A
C197 IF A.1/1 AND A.18d/4.1 THEN R ELSE N/A
C198 IF A.1/1 AND A.18d/4.2 THEN R ELSE N/A
C199 IF A.1/1 AND A.18d/5.1 THEN R ELSE N/A
C200 IF A.1/1 AND A.18d/5.2 THEN R ELSE N/A
C201 IF A.1/1 AND A.18d/6.1 THEN R ELSE N/A
C202 IF A.1/1 AND A.18d/6.2 THEN R ELSE N/A
C203 IF A.1/1 AND A.18e/1 THEN R ELSE N/A
C204 IF A.1/1 AND A.18e/2 THEN R ELSE N/A
C205 IF A.1/1 AND A.18e/3 THEN R ELSE N/A
C206 IF A.1/1 AND A.18f/1 THEN R ELSE N/A
C207 IF A.1/1 AND A.18c/24.2 THEN R ELSE N/A
```

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C208 IF A.1/2 AND A.2/2 THEN R ELSE N/A
C209 IF A.20/37 AND A.1/2 THEN R ELSE N/A
C210 IF A.1/2 AND A.2/1 AND A.2/2 THEN R ELSE N/A
C211 IF A.3/3 AND A.20/39 THEN R ELSE N/A
C212 IF A.3/2 AND A.20/40 THEN R ELSE N/A
C213 IF A.3/2 AND A.19/1 THEN R ELSE N/A
C214 IF A.3/2 AND A.19/1 AND A.19/3 AND A.19/4 THEN R ELSE N/A
C215 IF A.3/2 AND A.19/1 AND A.19/2 THEN R ELSE N/A
C216 IF A.3/2 AND A.2/7 AND A.19b/1 THEN R ELSE N/A
C217 IF A.3/2 AND A.19b/1 AND A.19b/3 THEN R ELSE N/A
C218 IF A.3/2 AND A.2/7 AND A.19b/1 AND A.19b/2 THEN R ELSE N/A
C219 IF A.3/2 AND A.2/7 THEN R ELSE N/A
C220 IF A.1/3 AND A.18g/1 THEN R ELSE N/A
C221 IF A.1/3 AND A.18g/2 THEN R ELSE N/A
C222 IF A.1/3 AND A.18g/3 THEN R ELSE N/A
C223 IF A.1/3 AND A.18g/4 THEN R ELSE N/A
C224 IF A.1/3 AND A.18g/5 THEN R ELSE N/A
C225 IF A.1/3 AND A.18g/6 THEN R ELSE N/A
C226 IF A.1/3 AND A.18g/7 THEN R ELSE N/A
C227 IF A.1/3 AND A.18g/8 THEN R ELSE N/A
```

# Annex A (normative): <a href="mailto:(void)| (void)| (

Notwithstanding the provisions of the copyright clause related to the text of the present document, 3GPP grants that users of the present document may freely reproduce the ICS proforma in this annex so that it can be used for its intended purposes and may further publish the completed ICS.

# A.1 Guidance for completing the ICS proforma

# A.1.1 Purposes and structure

The purpose of this ICS proforma is to provide a mechanism whereby a supplier of an implementation of the requirements defined in relevant specifications may provide information about the implementation in a standardised manner.

The ICS proforma is subdivided into clauses for the following categories of information:

- instructions for completing the ICS proforma;
- identification of the implementation;
- identification of the protocol;
- ICS proforma tables (for example: UE implementation types, Teleservices, etc).

#### A.1.2 Abbreviations and conventions

The ICS proforma contained in this annex is comprised of information in tabular form in accordance with the guidelines presented in ISO/IEC 9646-7.

#### Item column

The item column contains a number which identifies the item in the table.

#### Item description column

The item description column describes in free text each respective item (e.g. parameters, timers, etc.). It implicitly means "is <item description> supported by the implementation?".

#### Reference column

The reference column gives reference to the relevant 3GPP core specifications.

#### Release column

The release column indicates the earliest release from which the capability or option is relevant.

#### Comments column

This column is left blank for particular use by the reader of the present document.

#### References to items

For each possible item answer (answer in the support column) within the ICS proforma there exists a unique reference, used, for example, in the conditional expressions. It is defined as the table identifier, followed by a solidus character "/", followed by the item number in the table. If there is more than one support column in a table, the columns shall be discriminated by letters (a, b, etc.), respectively.

EXAMPLE 1: A.5/4 is the reference to the answer of item 4 in table A.5.

EXAMPLE 2: A.6/3b is the reference to the second answer (i.e. in the second support column) of item 3 in table A.6.

### A.1.3 Instructions for completing the ICS proforma

The supplier of the implementation may complete the ICS proforma in each of the spaces provided. More detailed instructions are given at the beginning of the different clauses of the ICS proforma.

# A.2 Identification of the User Equipment

Identification of the User Equipment should be filled in so as to provide as much detail as possible regarding version numbers and configuration options.

The product supplier information and client information should both be filled in if they are different.

A person who can answer queries regarding information supplied in the ICS should be named as the contact person.

A.2.1	Date of the statement
A.2.2  UEUT nam	User Equipment Under Test (UEUT) identification
Hardware c	onfiguration:
Software co	onfiguration:
•••••	

A.2.3 Product supplier
Name:
Address:
Telephone number:
Facsimile number:
E-mail address:
Additional information:
A.2.4 Client
Name:
Address:
Telephone number:
Facsimile number:
E mail address:

Additional information:
A.2.5 ICS contact person
Name:
Telephone number:
Facsimile number:
E-mail address:
Additional information:

# A.3 Identification of the protocol

This ICS proforma applies to the 3GPP standards listed in the normative references clause of the present document.

# A.4 ICS proforma tables

# A.4.1 UE Implementation Types

**Table A.1: UE Radio Technologies** 

<del>ltem</del>	UE Radio Technologies	Ref.	Release	Comments
4	FDD (DS)	<del>25.101</del>	<del>R99</del>	
2	TDD 3.84 Mcps	<del>25.102</del>	<del>R99</del>	
3	TDD 1.28 Mcps (LCR)	<del>25.102</del>	Rel-4	
4	GSM	<del>21.904, 5</del>	<del>R99</del>	

# A.4.2 UE Service Capabilities

# A.4.2.1 3GPP Standardised UE Service Capabilities

#### A.4.2.1.1 Teleservices

**Table A.2: Teleservices** 

<b>Item</b>	<del>Teleservices</del>	Ref.	Release	Comments
4	Narrow band speech (AMR)	<del>22.105, 6.4.1</del>	<del>R99</del>	
2	Emergency speech call	<del>22.105, 6.4.2</del>	<del>R99</del>	
3	Short Message Service (SMS) MT over CS	22.105, 6.4.3 22.003, A.1.3.1	R99	
4	Short Message Service (SMS) MO over CS	22.105, 6.4.3 22.003, A.1.3.2	<del>R99</del>	
<del>5</del>	Short Message Service (SMS) MT over PS	22.105, 6.4.3 22.003, A.1.3.1	<del>R99</del>	
6	Short Message Service (SMS) MO over PS	22.105, 6.4.3 22.003, A.1.3.2	<del>R99</del>	
7	Cell Broadcast Service (CBS)	22.105, 6.4.4	R99	

#### A.4.2.1.2 Bearer Services

**Table A.3: Definition of Bearer Services** 

<del>ltem</del>	Definition of Bearer Services	Ref.	Release	Comments
4	Circuit Switched	<del>22.105, 5.1</del>	<del>R99</del>	
		<del>22.002</del>		
2	Packet Switched	<del>22.105, 5.1</del>	<del>R99</del>	
		22.060		
3	UE supports UE operation mode A: PS		<del>R99</del>	
	and CS simultaneously			

**Table A.4: Asynchronous General Bearer Services** 

<b>Item</b>	<b>Asynchronous General Bearer Services</b>	Ref.	Release	Comments .			
4	3,1 kHz Audio 9 600 bit/s	<del>22.002, 3.1.1</del>	<del>R99</del>				
2	3,1 kHz Audio 14 400 bit/s	<del>22.002, 3.1.1</del>	<del>R99</del>				
3	3,1 kHz Audio 19 200 bit/s	<del>22.002, 3.1.1</del>	<del>R99</del>				
4	3,1 kHz Audio 28 800 bit/s	<del>22.002, 3.1.1</del>	<del>R99</del>				
5	3,1 KhZ Audio Modem AutoBauding1	<del>22.002, 3.1.1</del>	<del>R99</del>				
6	V.110 UDI 9 600 bit/s	<del>22.002, 3.1.2</del>	R99				
7	V.110 UDI 14 400 bit/s	<del>22.002, 3.1.2</del>	<del>R99</del>				
8	V.110 UDI 19 200 bit/s	<del>22.002, 3.1.2</del>	R99				
9	V.110 UDI 28 800 bit/s	<del>22.002, 3.1.2</del>	<del>R99</del>				
<del>10</del>	V.110 UDI 38 400 bit/s	<del>22.002, 3.1.2</del>	<del>R99</del>				
11	V.120 9 600 bit/s	22.002, 3.1.4	<del>R99</del>				
<del>12</del>	V.120 14 400 bit/s	<del>22.002, 3.1.4</del>	<del>R99</del>				
<del>13</del>	V.120 19 200 bit/s	<del>22.002, 3.1.4</del>	<del>R99</del>				
14	V.120 28 800 bit/s	22.002, 3.1.4	<del>R99</del>				
<del>15</del>	V.120 38 400 bit/s	<del>22.002, 3.1.4</del>	<del>R99</del>				
<del>16</del>	V.120 48 000 bit/s	22.002, 3.1.4	<del>R99</del>				
<del>17</del>	<del>V.120 56 000 bit/s</del>	<del>22.002, 3.1.4</del>	<del>R99</del>				
<del>18</del>	PIAFS 32 000 bit/s	<del>22.002, 3.1.6</del>	<del>R99</del>				
<del>19</del>	PIAFS 64 000 bit/s	<del>22.002, 3.1.6</del>	<del>R99</del>				
<del>20</del>	Frame Tunnelling Mode 56 000 bit/s	<del>22.002, 3.1.7</del>	<del>R99</del>				
21	Frame Tunnelling Mode 64 000 bit/s	<del>22.002, 3.1.7</del>	<del>R99</del>				
<b>NOTE</b>	NOTE: The rates in the table refer to FNUR (Fixed Network User Rate).						

**Table A.5: Synchronous General Bearer Services** 

Item	Synchronous General Bearer Services	Ref.	Release	Comments
4	3,1 kHz Audio 9 600 bit/s	<del>22.002, 3.1.1</del>	<del>R99</del>	
2	3,1 kHz Audio 14 400 bit/s	<del>22.002, 3.1.1</del>	<del>R99</del>	
3	3,1 kHz Audio 19 200 bit/s	<del>22.002, 3.1.1</del>	<del>R99</del>	
4	3,1 kHz Audio 28 800 bit/s	<del>22.002, 3.1.1</del>	<del>R99</del>	
5	V.110 UDI 28 800 bit/s	<del>22.002, 3.1.2</del>	<del>R99</del>	
6	V.110 UDI 48 000 bit/s	<del>22.002, 3.1.2</del>	<del>R99</del>	
7	V.110 UDI 56 000 bit/s	<del>22.002, 3.1.2</del>	<del>R99</del>	
8	X.31 Flag Stuffing UDI 9 600 bit/s	<del>22.002, 3.1.3</del>	<del>R99</del>	
9	X.31 Flag Stuffing UDI 14 400 bit/s	<del>22.002, 3.1.3</del>	<del>R99</del>	
<del>10</del>	X.31 Flag Stuffing UDI 19 200 bit/s	<del>22.002, 3.1.3</del>	<del>R99</del>	
11	X.31 Flag Stuffing UDI 28 800 bit/s	<del>22.002, 3.1.3</del>	<del>R99</del>	
<del>12</del>	X.31 Flag Stuffing UDI 38 400 bit/s	<del>22.002, 3.1.3</del>	<del>R99</del>	
<del>13</del>	X.31 Flag Stuffing UDI 48 000 bit/s	<del>22.002, 3.1.3</del>	<del>R99</del>	
44	X.31 Flag Stuffing UDI 56 000 bit/s	<del>22.002, 3.1.3</del>	<del>R99</del>	
<del>15</del>	V.120 9 600 bit/s	<del>22.002, 3.1.4</del>	<del>R99</del>	
<del>16</del>	<del>V.120 14 400 bit/s</del>	<del>22.002, 3.1.4</del>	<del>R99</del>	
<del>17</del>	<del>V.120 19 200 bit/s</del>	<del>22.002, 3.1.4</del>	<del>R99</del>	
<del>18</del>	V.120 28 800 bit/s	22.002, 3.1.4	<del>R99</del>	
<del>19</del>	V.120 38 400 bit/s	<del>22.002, 3.1.4</del>	<del>R99</del>	
<del>20</del>	V.120 48 000 bit/s	22.002, 3.1.4	<del>R99</del>	
<del>21</del>	V.120 56 000 bit/s	<del>22.002, 3.1.4</del>	<del>R99</del>	
22	Bit Transparent mode 56 000 bit/s	<del>22.002, 3.1.5</del>	R99	
<del>23</del>	Bit Transparent mode 64 000 bit/s	<del>22.002, 3.1.5</del>	<del>R99</del>	
<del>24</del>	Multimedia Call 28 800 bit/s	<del>22.002, 3.1.8</del>	<del>R99</del>	
<del>25</del>	Multimedia Call 32 000 bit/s	22.002, 3.1.8	R99	
<del>26</del>	Multimedia Call 33 600 bit/s	<del>22.002, 3.1.8</del>	<del>R99</del>	
27	Multimedia Call 56 000 bit/s	22.002, 3.1.8	R99	
<del>28</del>	Multimedia Call 64 000 bit/s	<del>22.002, 3.1.8</del>	R99	
NOTE:	The rates in the table refer to FNUR (Fix	ed Network Use	r Rate).	

**Table A.6: QoS classes or traffic classes** 

<del>ltem</del>	QoS classes or traffic classes	Ref.	Release	<b>Comments</b>
4	Conversational	<del>23.107, 6.3.1,</del>	R99	
		<del>6.5.1</del>		
2	Streaming	23.107, 6.3.2,	R99	
		<del>6.5.1</del>		
3	Interactive	<del>23.107, 6.3.3,</del>	<del>R99</del>	
		<del>6.5.1</del>		
4	Background	23.107, 6.3.4,	<del>R99</del>	
		6.5.1		

### A.4.2.1.3 Supplementary Services

**Table A.7: Supplementary Services** 

<del>ltem</del>	Supplementary services	Ref.	Release	Comments
4	Call Deflection	22.072; 22.004, 4	<del>R99</del>	
2	Calling Line Identification Presentation	<del>22.081, 1; 22.004, 4</del>	<del>R99</del>	
3	Calling Line Identification Restriction	<del>22.081, 2; 22.004, 4</del>	<del>R99</del>	
4	Connected Line Identification Presentation	22.081, 3; 22.004, 4	<del>R99</del>	
5	Connected Line Identification Restriction	22.081, 4; 22.004, 4	<del>R99</del>	
6	Call Forwarding Unconditional	22.082, 1; 22.004, 4	<del>R99</del>	
7	Call Forwarding on Mobile Subscriber Busy	22.082, 2; 22.004, 4	<del>R99</del>	
8	Call Forwarding on No Reply	22.082, 3; 22.004, 4	<del>R99</del>	
9	Call Forwarding on Mobile Subscriber Not Reachable	22.082, 4; 22.004, 4	<del>R99</del>	
<del>10</del>	Call Waiting	<del>22.083, 1; 22.004, 4</del>	<del>R99</del>	
11	Call Hold	<del>22.083, 2</del>	<del>R99</del>	
		<del>22.004, 4</del>		
<del>12</del>	Multi Party Service	22.084; 22.004, 4	<del>R99</del>	
<del>13</del>	Closed User Group	22.085; 22.004, 4	<del>R99</del>	
14	User-to-user signalling	22.087; 22.004, 4	<del>R99</del>	
<del>15</del>	Advice of Charge (Information)	22.086, 1; 22.004, 4	<del>R99</del>	
<del>16</del>	Advice of Charge (Charging)	22.086, 2; 22.004, 4	<del>R99</del>	
17	Barring of All Outgoing Calls	22.088, 1; 22.004, 4	<del>R99</del>	
<del>18</del>	Barring of Outgoing International Calls	22.088, 1; 22.004, 4	<del>R99</del>	
<del>19</del>	Barring of Outgoing International Calls except those directed to the Home PLMN Country	22.088, 1; 22.004, 4	R99	
<del>20</del>	Barring of All Incoming Calls	22.088, 2; 22.004, 4	<del>R99</del>	
<del>21</del>	Barring of Incoming Calls when Roaming Outside the Home PLMN Country	22.088, 2; 22.004, 4	<del>R99</del>	
22	Explicit call transfer	22.091; 22.004, 4	<del>R99</del>	
<del>23</del>	Call Completion to Busy Subscriber	22.093; 22.004, 4	<del>R99</del>	
<del>24</del>	Call Completion to Busy Subscriber Request	22.093; 22.004, 4	<del>R99</del>	
<del>25</del>	Follow Me	22.094	<del>R99</del>	
<del>26</del>	Calling name presentation (CNAP)	22.096; 22.004, 4	<del>R99</del>	
<del>27</del>	Multiple Subscriber Profile (MSP)	<del>22.097;</del> <del>22.004, A</del>	<del>R99</del>	
<del>28</del>	Multicall	<del>22.135;</del> <del>22.001, 4</del>	<del>R99</del>	
<del>29</del>	enhanced Multi-Level Precedence and Pre-emption	<del>22.067;</del> <del>22.004, 4</del>	<del>R99</del>	
<del>30</del>	At least one non-call related Supplementary Service supported		<del>R99</del>	

#### A.4.2.1.4 Service Capabilities

**Table A.8: Service Capabilities** 

Item	Services Capabilities	Ref.	Release	Comments	
4	Mobile station Execution Environment	<del>22.057</del>	<del>R99</del>		
	(MExE)				
2	Location Service (LCS)	<del>22.071</del>	<del>R99</del>		
	` ,				
3	USIM Application Toolkit (USAT)	31.111	<del>R99</del>		
	NOTE: Test cases for these features will not be include in R99 of TS 34.123-1.				

#### A.4.2.1.5 GSM System Features

**Table A.9: GSM System Features** 

ltem .	GSM System Features	Ref.	Release	Comments		
4	Network Identity and Time Zone (NITZ)	<del>22.042</del>	<del>R99</del>			
2	Unstructured Supplementary Service Data	<del>22.090</del>	<del>R99</del>			
	<del>(USSD)</del>					
NOTE:	NOTE: Test cases for these features will not be include in R99 of TS 34.123-1.					

# A.4.2.2 Other UE Service Capabilities

**Table A.10: Other UE Service Capabilities** 

<b>Item</b>	Other UE Service Capabilities	Ref.	Release	Comments
4	Multimedia services (3G-324M)	<del>26.071, 26.110,</del>	<del>R99</del>	
		<del>26.111, 26.112</del>		
2	Alternate speech/facsimile group 3	22.003, A.1.4	<del>R99</del>	
3	Automatic facsimile group 3	22.003, A.1.5	<del>R99</del>	

# A.4.3 Baseline Implementation Capabilities

**Table A.11: Supported protocols** 

<del>lte</del>	Supported protocols	Ref.	Release	Comments
m				
4	Call Control	<del>24.008, 5</del>	<del>R99</del>	
2	Mobility Management	<del>24.008, 4</del>	<del>R99</del>	
3	Session Management	<del>24.008, 6.1</del>	<del>R99</del>	
4	GPRS Mobility Management	<del>24.008, 4</del>	<del>R99</del>	
5	Radio Resource Control	<del>25.331</del>	R99	
6	Packet Data Convergence Protocol	<del>25.323</del>	<del>R99</del>	
7	Broadcast/Multicast Control	25.324	R99	
8	Radio Link Control	<del>25.322</del>	R99	
9	Medium Access Control	<del>25.321</del>	<del>R99</del>	
10	Physical Layer	<del>25.201</del>	R99	

# A.4.3.1 Baseline Implementation Capabilities to facilitate Conformance testing

**Table A.12: Reference Measurement Channels** 

<del>lte</del>	Reference Measurement Channels	Ref.	Release	Comments
m				
4	Up-link reference measurement channel 12.2 kbps (FDD)	25.101 A.2.1	<del>R99</del>	
2	Down-link reference measurement channel 12.2 kbps (FDD)	25.101 A.3.1	<del>R99</del>	
3	Up-link reference measurement channel12.2 kbps (TDD)	25.102 A.2.1	<del>R99</del>	
4	Down-link reference measurement channel 12.2 kbps (TDD)	25.102 A.2.2	R99	
5	Up-link reference measurement channel12.2 kbps (1.28 Mcps TDD)	25.102 A.2.1.2	Rel-4	
6	Down-link reference measurement	25.102 A 2 2 2	Rel-4	

#### **Table A.13: Special Conformance Testing Functions**

lte m	Special Conformance Testing Functions	Ref.	Release	Comments
4	UE test loop	34.109, 5.3	R99	
2	Max UE test loop UL RLC SDU size 65535	<del>34.109, 6.2</del>	<del>R99</del>	
	<del>bits</del>	·		

#### **Table A.14: Terminal Logical Test Interface**

lte m	Terminal Logical Test Interface	Ref.	Release	Comments
4	Electrical Man Machine Interface (EMMI)	<del>34.109, 8</del>	<del>R99</del>	
2	UICC/ME test interface	34.109, 9	<del>R99</del>	

# A.4.3.2 RF Baseline Implementation Capabilities

#### Table A.15: FDD (DS) RF Baseline Implementation Capabilities

<del>lte</del>	FDD (DS) RF Baseline Implementation	Ref.	Release	Comments .
m	<u>Capabilities</u>			
4	Chip rate 3,84 Mcps	<del>25.101, 5.1</del>	<del>R99</del>	
2	Frequency band: 1 920-1 980, 2 110-2 170 MHz	<del>25.101, 5.2</del>	<del>R99</del>	
3	Frequency band: 1 850-1 910, 1 930-1 990 MHz	<del>25.101, 5.2</del>	R99	
4	Frequency band: Other spectrum	<del>25.101, 5.2</del>	<del>R99</del>	
5	TX-RX Freq. Sep: 190 MHz	<del>25.101, 5.3</del>	R99	
6	TX-RX Freq. Sep: 80 MHz	<del>25.101, 5.3</del>	<del>R99</del>	
7	TX-RX Freq. Sep: Variable	<del>25.101, 5.3</del>	R99	
8	Carrier raster: 200 kHz	<del>25.101, 5.4</del>	<del>R99</del>	
9	UE Power Class 1 (+33 dBm)	<del>25.101, 6.2.1</del>	R99	
<del>10</del>	UE Power Class 2 (+27 dBm)	<del>25.101, 6.2.1</del>	<del>R99</del>	
11	UE Power Class 3 (+24 dBm)	<del>25.101, 6.2.1</del>	<del>R99</del>	
<del>12</del>	UE Power Class 4 (+21 dBm)	<del>25.101, 6.2.1</del>	R99	
<del>13</del>	Output RF spectrum emissions	<del>25.101, 6.6</del>	<del>R99</del>	

**Table A.16: TDD RF Baseline Implementation Capabilities** 

lte m	TDD RF Baseline Implementation Capabilities	Ref.	Release	Comments
4	Chip rate 3,84 Mcps	<del>25.102, 5.1</del>	R99	
<del>1a</del>	Chip rate 1,28 Mcps	<del>25.102, 5.1</del>	Rel-4	
2	Frequency band: 1 900-1 920 MHz	<del>25.102, 5.2</del>	R99	Applicable for 3.84 Mcps and 1.28 Mcps
3	Frequency band: 2 010-2 025 MHz	<del>25.102, 5.2</del>	R99	Applicable for 3.84 Mcps and 1.28 Mcps
4	Frequency band: 1 850-1 910 MHz	<del>25.102, 5.2</del>	R99	Applicable for 3.84 Mcps and 1.28 Mcps
5	Frequency band: 1 930-1 990 MHz	<del>25.102, 5.2</del>	R99	Applicable for 3.84 Mcps and 1.28 Mcps
6	Frequency band: 1 910-1 930 MHz	<del>25.102, 5.2</del>	R99	Applicable for 3.84 Mcps and 1.28 Mcps
7	Frequency band: Other spectrum	<del>25.102, 5.2</del>	R99	Applicable for 3.84 Mcps and 1.28 Mcps
8	Carrier raster: 200 kHz	<del>25.102, 5.4</del>	<del>R99</del>	Applicable for 3.84 Mcps and 1.28 Mcps
9	UE Power Class 2 (+24 dBm)	<del>25.102, 6.2.1</del>	R99	Applicable for 3.84 Mcps and 1.28 Mcps
<del>10</del>	UE Power Class 3 (+21 dBm)	25.102, 6.2.1	R99	Applicable for 3.84 Mcps and 1.28 Mcps
11	Output RF spectrum emissions	<del>25.102, 6.6</del>	<del>R99</del>	Applicable for 3.84 Mcps and 1.28 Mcps

# A.4.3.3 Physical Layer Baseline Implementation Capabilities

Table A.17: Void

Table A.18: Void

**Table A.18a: FDD Layer 1 UE Radio Access Capabilities** 

<del>lte</del>	FDD Layer 1 UE Radio Access	Ref.	Release	Comments Comments
m	Capabilities			
4	Support of turbo decoding	<del>25.306, 4.5.1</del>	<del>R99</del>	
2	Support of turbo encoding	25.306, 4.5.2	<del>R99</del>	
3	Support for SF 512 (downlink)	25.306, 4.5.3	<del>R99</del>	
4	Support of PDSCH	25.306, 4.5.3	<del>R99</del>	
5	Simultaneous reception of SCCPCH and DPCH	<del>25.306, 4.5.3</del>	<del>R99</del>	
6	Simultaneous reception of SCCPCH, DPCH and PDSCH	<del>25.306, 4.5.3</del>	<del>R99</del>	
7	Support of PCPCH	25.306, 4.5.4	<del>R99</del>	
8	Support of uplink compressed mode only	<del>25.306, 4.9</del>	<del>R99</del>	
9	Support of downlink compressed mode only	<del>25.306, 4.9</del>	R99	
<del>10</del>	Support of uplink and downlink compressed mode	<del>25.306, 4.9</del>	<del>R99</del>	

**Table A.18b: TDD Layer 1 UE Radio Access Capabilities** 

Item	TDD Layer 1 UE Radio Access Capabilities	Ref.	Release	Comments
4	Support of turbo decoding	<del>25.306, 4.5.1</del>	<del>R99</del>	Applicable for 3.84 Mcps and 1.28 Mcps
2	Support of turbo encoding	<del>25.306, 4.5.2</del>	<del>R99</del>	Applicable for 3.84 Mcps and 1.28 Mcps
3	Max.number of physical channels and TS per frame	25.306, 4.5.5, 4.5.6	<del>R99</del>	Applicable for 3.84 Mcps only
4	Max.number of physical channels and TS per subframe	<del>25.306, 4.5.5,</del> 4.5.6	<del>Rel-4</del>	Applicable for 1.28 Mcps only
5	Minimum SF	25.306, 4.5.5, 4.5.6	<del>R99</del>	Applicable for 3.84 Mcps and 1.28 Mcps
6	Support of PDSCH (Downlink)	<del>25.306, 4.5.5</del>	<del>R99</del>	Applicable for 3.84 Mcps and 1.28 Mcps
7	Max.number of physical channels per TS	25.306, 4.5.5 4.5.6	<del>R99</del>	Applicable for 3.84 Mcps and 1.28 Mcps
8	Support of 8PSK	<del>25.306, 4.5.5,</del> 4.5.6	<del>Rel-4</del>	Applicable for 1.28 Mcps only
9	Support of PUSCH	<del>25.306, 4.5.5</del> <del>4.5.6</del>	<del>R99</del>	Applicable for 3.84 Mcps and 1.28 Mcps

#### A.4.3.3.1 FDD Interoperability Radio Bearer Capabilities

The applicability column in table A.18c to A.18f specifies the minimum UE radio access capability for which the reference radio bearer configurations are applicable. The UE radio access capability parameters and their possible value range are defined in TS 25.306 [34a] clause 5.1.

The following labels have been used in tables A.18c to A.18f to represent the various UE radio access capability parameters:

	<del>Label</del>	UE radio access capability parameter as defined in [34a] 25.306.
<del>Transport</del>	DL Max TB bits	Maximum sum of number of bits of all transport blocks being received at an
<del>channel</del>		arbitrary time instant
<del>parameters in</del> <del>downlink</del>	DL Max CC TB bits	Maximum sum of number of bits of all convolutionally coded transport blocks being received at an arbitrary time instant
	DL Max TC TB bits	Maximum sum of number of bits of all turbo coded transport blocks being received at an arbitrary time instant
	DL Max TrCHs	Maximum number of simultaneous transport channels
	DL Max CCTrCH	Maximum number of simultaneous CCTrCH
	DL Max TTI TB	Maximum total number of transport blocks received within TTIs that end within
		the same 10 ms interval
	DL Max TFS	Maximum number of TFC in the TFCS
	DL Max TF	Maximum number of TF
	DL TC	Support for turbo decoding
Transport channel	UL Max TB bits	Maximum sum of number of bits of all transport blocks being transmitted at an arbitrary time instant
<del>parameters in</del> <del>uplink</del>	UL Max CC TB bits	Maximum sum of number of bits of all convolutionally coded transport blocks being transmitted at an arbitrary time instant
	UL Max TC TB bits	Maximum sum of number of bits of all turbo coded transport blocks being transmitted at an arbitrary time instant
	UL Max TrCHs	Maximum number of simultaneous transport channels
	UL Max TTI TB	Maximum total number of transport blocks transmitted within TTIs that start at
		the same time
	UL Max TFS	Maximum number of TFC in the TFCS
	<del>UL Max TF</del>	Maximum number of TF
	<del>UL TC</del>	Support for turbo encoding

Table A.18c: FDD interoperability radio bearer capabilities for combinations on DPCH.

lte m	FDD interoperability radio bearer configuration for combination on DPCH	Ref.	Applicability (Minimum UE radio access capability)		Comments
			Parameter Parameter	<del>Value</del>	
4	Stand-alone UL:1.7 DL:1.7 kbps	<del>34.108</del>	DL Max TB bits	640	_
	SRBs for DCCH	6.10.2.4.1.1	DL Max CC TB bits	640	4
			DL Max TC TB bits DL Max TrCHs	N/A 4	-
			DL Max CCTrCH	4	1
			DL Max TTI TB	4	†
			DL Max TFS	<del>16</del>	
			DL Max TF	32	
			<del>DL TC</del>	N/A	
			UL Max TB bits	<del>640</del>	
			UL Max CC TB bits	640	
			UL Max TC TB bits	N/A 2	-
			UL Max TrCHs UL Max TTI TB	2	-
			UL Max TFS	4	1
			UL Max TF	<del>32</del>	1
			UL TC	N/A	1
			Other required UE	SF512 = Yes	1
			radio access capability		
2	Stand-alone UL:3.4 DL:3.4 kbps	34.108	DL Max TB bits	640	
	SRBs for DCCH	6.10.2.4.1.2	DL Max CC TB bits	640	
			DL Max TC TB bits	N/A	
			DL Max TrCHs	4	
			DL Max CCTrCH	4	_
			DL Max TTI TB	4	-
			DL Max TFS DL Max TF	<del>16</del> <del>32</del>	-
			DL TC	N/A	-
			UL Max TB bits	640	†
			UL Max CC TB bits	640	
			UL Max TC TB bits	N/A	
			UL Max TrCHs	2	
			UL Max TTI TB	2	
			UL Max TFS	4	4
			UL Max TF	32 N/A	-
			Other required UE	None	-
			radio access capability	None	
3	Stand-alone UL:13.6 DL:13.6	34.108	DL Max TB bits	640	
	kbps SRBs for DCCH	6.10.2.4.1.3	DL Max CC TB bits	640	1
			DL Max TC TB bits	N/A	
			DL Max TrCHs	4	
			DL Max CCTrCH	4	_
			DL Max TTI TB	4	
			DL Max TFS DL Max TF	46 32	-
			DL TC	N/A	-
			UL Max TB bits	640	1
			UL Max CC TB bits	640	1
			UL Max TC TB bits	N/A	1
			UL Max TrCHs	2	]
			UL Max TTI TB	2	_
			UL Max TFS	4	
			UL Max TF	<del>32</del>	-
			UL TC Other required UE	None	-
			radio access	<del>INUITE</del>	
			capability		

lte m	FDD interoperability radio bearer configuration for combination on DPCH	<del>Ref.</del>	(Minimum UE radio access capability)		Comments
			<del>Parameter</del>	<del>Value</del>	
4	Conversational / speech /	<del>34.108</del>	DL Max TB bits	<del>640</del>	
	UL:12.2 DL:12.2 kbps / CS RAB	6.10.2.4.1.4	DL Max CC TB bits	640	
	+ UL:3.4 DL:3.4 kbps SRBs for		DL Max TC TB bits	N/A	
	DCCH		DL Max TrCHs	4	
			DL Max CCTrCH	4	
			DL Max TTI TB	4	
			DL Max TFS	<del>16</del>	
			DL Max TF	<del>32</del>	
			DL TC	N/A	
			UL Max TB bits	640	
			UL Max CC TB bits	640	
			UL Max TC TB bits	N/A	†
			UL Max TrCHs	4	-
			UL Max TTI TB	4	+
			UL Max TFS		4
				8	_
			UL Max TF	32	_
			<del>UL TC</del>	<del>N/A</del>	
			Other required UE radio access	None	
			capability		
<del>5</del>	Conversational / speech / UL:10.2 DL:10.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	34.108 6.10.2.4.1.5	Same as for item 4.		
6	Conversational / speech / UL:7.95 DL:7.95 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	34.108 6.10.2.4.1.6	Same as for item 4.		
7	Conversational / speech /	34.108	Same as for item 4.		
Ŧ	UL:7.4 DL:7.4 kbps / CS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH	6.10.2.4.1.7	Same as for item 4.		
8	Conversational / speech /	34.108	Same as for item 4.		
	UL:6.7 DL:6.7 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	6.10.2.4.1.8			
9	Conversational / speech / UL:5.9 DL:5.9 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	34.108 6.10.2.4.1.9	Same as for item 4.		
<del>10</del>	Conversational / speech /	34.108	Same as for item 4.		
	UL:5.15 DL:5.15 kbps / CS RAB + UL:1.7 DL:1.7 kbps SRBs for DCCH				
<del>11</del>	Conversational / speech / UL:4.75 DL:4.75 kbps / CS RAB + UL:1.7 DL:1.7 kbps SRBs for DCCH	34.108 6.10.2.4.1.11	Same as for item 4.		
<del>12</del>	Conversational / unknown /	34.108	DL Max TB bits	<del>2560</del>	
	UL:28.8 DL:28.8 kbps / CS RAB	6.10.2.4.1.12	DL Max CC TB bits	640	7
	+ UL:3.4 DL:3.4 kbps SRBs for		DL Max TC TB bits	<del>1280</del>	1
	DCCH .		DL Max TrCHs	4	1
			DL Max CCTrCH	4	1
			DL Max TTI TB	4	1
			DL Max TFS	<del>16</del>	4
					-
			DL Max TF	<del>32</del>	4
			DL TC	Yes	4
			UL Max TB bits	<del>2560</del>	_
			UL Max CC TB bits	640	_[
			UL Max TC TB bits	<del>1280</del>	_
			UL Max TrCHs	4	
			UL Max TTI TB	4	7
			UL Max TFS	8	1
			UL Max TF	<del>32</del>	1
			UL TC	¥	1
			Other required UE	None	1
			radio access capability	NOTIC	

lte m	FDD interoperability radio bearer configuration for combination on DPCH	er configuration for (Minimum UE radio access		Comments	
			Parameter	Value	1
13.1	Conversational / unknown /	34.108	DL Max TB bits	<del>2560</del>	
10.1	UL:64 DL:64 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for	<del>6.10.2.4.1.13</del>	DL Max CC TB bits	640	
		0.10.2.1.110	DL Max TC TB bits	1280	1
	DCCH / 20 ms TTI		DL Max TrCHs	4	1
			DL Max CCTrCH	1	1
			DL Max TTI TB	4	1
			DL Max TFS	16	1
			DL Max TF	<del>32</del>	1
			DL TC	Yes	1
			UL Max TB bits	<del>2560</del>	
			UL Max CC TB bits	640	1
			UL Max TC TB bits	<del>1280</del>	1
			UL Max TrCHs	4	1
			UL Max TTI TB	4	
			UL Max TFS	8	
			UL Max TF	32	
			UL TC	¥	
			Other required UE	None	
			radio access	140116	
			capability		
13.2	Conversational / unknown /	34.108	DL Max TB bits	3840	
10.2	UL:64 DL:64 kbps / CS RAB +	<del>6.10.2.4.1.13</del>	DL Max CC TB bits	640	1
	UL:3.4 DL:3.4 kbps SRBs for	0.10.2.1.110	DL Max TC TB bits	<del>2560</del>	
	DCCH / 40 ms TTI		DL Max TrCHs	4	
			DL Max CCTrCH	1	
			DL Max TTI TB	8	
			DL Max TFS	16	
			DL Max TF	32	
			DL TC	Yes	
			UL Max TB bits	3840	
			UL Max CC TB bits	640	1
			UL Max TC TB bits	<del>2560</del>	1
			UL Max TrCHs	4	1
			UL Max TTI TB	8	-
			UL Max TFS	8	1
			UL Max TF	32	1
			UL TC	<del>Yes</del>	-
			Other required UE	None	-
			radio access capability	<del>NOHO</del>	
444	Company tion of the large transfer	24.400	DL May TD 50s	4000	
14.1	Conversational / unknown / UL:32 DL:32 kbps / CS RAB +	34.108 6.10.2.4.1.14	DL Max TB bits	<del>1280</del>	1
	UL:3.4 DL:3.4 kbps SRBs for	0.10.2.4.1.14	DL Max CC TB bits	640	-
	DCCH / 20 ms TTI		DL Max TC TB bits	640	
	<del>20011/201113-1-11</del>		DL Max TrCHs	4	
			DL Max CCTrCH	4	
			DL Max TTI TB	4	
			DL Max TFS	<del>16</del>	
			DL Max TF	32	
			DL TC	Yes	
			UL Max TB bits	1280	-
		1	UL Max CC TB bits	640	
			UL Max TC TB bits UL Max TrCHs	<del>640</del> 4	
			UL Max TTI TB	4	
			UL Max TFS	8	]
			UL Max TF	<del>32</del>	1
			UL TC	Yes	1
			Other required UE	None	1
		1	radio access		
			capability		

lte m	FDD interoperability radio bearer configuration for combination on DPCH	Ref.	Applicability (Minimum UE radio access capability)		Comments
			Parameter	<del>Value</del>	†
14.2	Conversational / unknown /	34.108	DL Max TB bits	2560	
14.2		<del>34.106</del> <del>6.10.2.4.1.14</del>			4
	UL:32 DL:32 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for	0.10.2.4.1.14	DL Max CC TB bits	640	4
	DCCH / 40 ms TTI		DL Max TC TB bits	1280	
	<del>DOOLL/ 40 IIIS 1 11</del>		DL Max TrCHs	4	4
			DL Max CCTrCH	4	
			DL Max TTI TB	4	
			DL Max TFS	<del>16</del>	
			DL Max TF	<del>32</del>	
			<del>DL TC</del>	Yes	
			UL Max TB bits	<del>2560</del>	
			UL Max CC TB bits	640	1
			UL Max TC TB bits	<del>1280</del>	
			UL Max TrCHs	4	1
			UL Max TTI TB	4	†
			UL Max TFS	8	-
				32	-
			UL Max TF		4
			<del>UL TC</del>	Yes	-
			Other required UE	None	
			radio access capability		
<del>15</del>	Streaming / unknown /	34.108	DL Max TB bits	1280	
	UL:14.4/DL:14.4 kbps / CS RAB	<del>6.10.2.4.1.15</del>	DL Max CC TB bits	<del>640</del>	
	+ UL:3.4 DL:3.4 kbps SRBs for		DL Max TC TB bits	640	
	DCCH		DL Max TrCHs	4	
			DL Max CCTrCH	4	1
			DL Max TTI TB	4	
			DL Max TFS	<del>16</del>	1
			DL Max TF	32	1
			DL TC	Yes	1
			UL Max TB bits	1280	1
					-
			UL Max CC TB bits	640	4
			UL Max TC TB bits	640	1
			UL Max TrCHs	2	_
			UL Max TTI TB	2	
			UL Max TFS	4	
			UL Max TF	<del>32</del>	
			<del>UL TC</del>	Yes	
			Other required UE	None	
			radio access capability		
<del>16</del>	Streaming / unknown /	<del>34.108</del>	DL Max TB bits	<del>2560</del>	
10	UL:28.8/DL:28.8 kbps / CS RAB	<del>6.10.2.4.1.16</del>	DL Max CC TB bits	640	1
	+ UL:3.4 DL:3.4 kbps SRBs for	5.10.2.1.110	DL Max TC TB bits	1280	1
	DCCH		DL Max TrCHs	4	-
	200.1				-
			DL Max CCTrCH	4	
			DL Max TTI TB	4	
			DL Max TFS	<del>16</del>	
			DL Max TF	<del>32</del>	
			<del>DL TC</del>	Yes	
			UL Max TB bits	<del>2560</del>	
			UL Max CC TB bits	640	]
			UL Max TC TB bits	1280	1
			UL Max TrCHs	4	1
			UL Max TTI TB	4	1
			UL Max TFS	8	1
				<del>32</del>	-
			UL Max TF		-
			UL TC	Yes	
			UL TC Other required UE		
			UL TC	Yes	

lte m	FDD interoperability radio bearer configuration for combination on DPCH	<del>Ref.</del>	Applical (Minimum UE ra capabil	adio access	Comments
	311		Parameter	Value	1
<del>17</del>	Streaming / unknown /	34.108	DL Max TB bits	2560	
++	UL:57.6/DL:57.6 kbps / CS RAB		DL Max CC TB bits	640	4
	+ UL:3.4 DL:3.4 kbps SRBs for	0.10.2.4.1.17	DL Max TC TB bits	2560	-
	DCCH		DL Max TrCHs		-
	Booti			4	-
			DL Max CCTrCH	1	_
			DL Max TTI TB	8	4
			DL Max TFS	<del>16</del>	
			<del>DL Max TF</del>	<del>32</del>	
			DL TC	Yes	
			UL Max TB bits	<del>2560</del>	
			UL Max CC TB bits	640	
			UL Max TC TB bits	<del>2560</del>	
			UL Max TrCHs	4	1
			UL Max TTI TB	8	
			UL Max TFS	<del>16</del>	
			UL Max TF	32	1
			UL TC		4
				Yes	-
			Other required UE	None	
			radio access capability		
18	Streaming / unknown / UL:0	34.108	DL Max TB bits	3840	
	DL:64 kbps / CS RAB + UL:3.4	6.10.2.4.1.18	DL Max CC TB bits	<del>640</del>	
	DL:3.4 kbps SRBs for DCCH		DL Max TC TB bits	<del>2560</del>	
			DL Max TrCHs	4	
	See note		DL Max CCTrCH	4	1
			DL Max TTI TB	<del>16</del>	1
			DL Max TFS	<del>16</del>	=
			DL Max TF	32	4
				<del>Yes</del>	-
			DL TC		4
			UL Max TB bits	1280	4
			UL Max CC TB bits	<del>640</del>	
			UL Max TC TB bits	640	
			UL Max TrCHs	2	
			UL Max TTI TB	2	
			UL Max TFS	4	
			UL Max TF	<del>32</del>	
			<del>UL TC</del>	Yes	1
			Other required UE	None	
			radio access capability		
40	Strooming / unknown / LU - C4	24 100	DI Moy TD bits	1200	
<del>19</del>	Streaming / unknown / UL:64 DL:0 kbps / CS RAB + UL:3.4	34.108 6.10.2.4.1.19	DL Max TB bits	<del>1280</del>	-
	DL:3.4 kbps SRBs for DCCH	<del>∪. 1∪.∠.4. 1. 1∀</del>	DL Max CC TB bits	640	4
	DE.3.4 KDPS SKBS IOI DOOT		DL Max TC TB bits	640	4
	See note		DL Max TrCHs	4	
	<del>Sec note</del>		DL Max CCTrCH	4	
			DL Max TTI TB	4	
			DL Max TFS	<del>16</del>	
			DL Max TF	32	
			DL TC	Yes	1
			UL Max TB bits	3840	1
			UL Max CC TB bits	640	1
			UL Max TC TB bits	<del>2560</del>	1
			UL Max TrCHs	2	†
					1
			UL Max TTI TB	<del>16</del>	1
			UL Max TFS	<del>16</del>	4
			UL Max TF	<del>32</del>	4
			UL TC	Yes	1
			Other required UE	None	
			radio access		
			capability		

lte m	FDD interoperability radio bearer configuration for combination on DPCH	Ref.	Applical (Minimum UE ra capabil	adio access	Comments
			Parameter	Value	1
<del>20</del>	Streaming / unknown / UL:0	34.108	DL Max TB bits	6400	
20	DL:128 kbps / CS RAB + UL:3.4	6.10.2.4.1.20	DL Max CC TB bits	640	
	DL:3.4 kbps SRBs for DCCH	0.10.2.4.1.20	DL Max TC TB bits	5120	-
	DE:3.4 KBP3 ONB3 for DOOFT		DL Max TrCHs		-
	See note			4	-
	Coo note		DL Max CCTrCH	4	
			DL Max TTI TB	<del>32</del>	
			DL Max TFS	<del>16</del>	
			DL Max TF	<del>32</del>	
			<del>DL TC</del>	Yes	
			UL Max TB bits	<del>1280</del>	
			UL Max CC TB bits	640	
			UL Max TC TB bits	<del>640</del>	
			UL Max TrCHs	2	
			UL Max TTI TB	2	
			UL Max TFS	4	1
			UL Max TF	32	1
			UL TC	Yes	
1			Other required UE	None	1
			radio access	None	
			capability		
21	Streaming / unknown / UL:128	34.108	DL Max TB bits	1280	
21	DL:0 kbps / CS RAB + UL:3.4	6.10.2.4.1.21	DL Max CC TB bits	640	
	DL:3.4 kbps SRBs for DCCH	0.10.2.4.1.21	DL Max TC TB bits	640	-
	BE.O. T ROPO ON BO TO BOOT				-
	See note		DL Max TrCHs	4	
	<del>3ee note</del>		DL Max CCTrCH	4	
			DL Max TTI TB	4	
			DL Max TFS	<del>16</del>	
			DL Max TF	<del>32</del>	
			<del>DL TC</del>	Yes	
			UL Max TB bits	6400	
			UL Max CC TB bits	640	
			UL Max TC TB bits	<del>5120</del>	
			UL Max TrCHs	2	1
			UL Max TTI TB	32	1
			UL Max TFS	<del>16</del>	1
			UL Max TF	32	
			UL TC	Yes	-
					-
			Other required UE	None	
			radio access capability		
00	Strooming / unknown / LU - C	24.400	DI May TD hite	20490	
22	Streaming / unknown / UL:0 DL:384 kbps / CS RAB + UL:3.4	34.108 6.10.2.4.1.22	DL Max TB bits DL Max CC TB bits	<del>20480</del>	1
	DL:3.4 kbps SRBs for DCCH	0.10.2.4.1.22		640	-
	DE.3.4 KDPS OKBS IOI DOOM		DL Max TC TB bits	<del>20480</del>	
	Soonoto		DL Max TrCHs	4	
	See note		DL Max CCTrCH	4	
			DL Max TTI TB	64	
			DL Max TFS	<del>16</del>	
			DL Max TF	<del>32</del>	
			DL TC	Yes	
			UL Max TB bits	1280	1
			UL Max CC TB bits	640	1
			UL Max TC TB bits	640	1
			UL Max TrCHs	2	1
			UL Max TTI TB	2	1
1				4	1
			UL Max TFS		1
			UL Max TF	<del>32</del>	4
			UL TC	Yes	-
			Other required UE	None	
			radio access		
1			capability		

lte m	FDD interoperability radio bearer configuration for combination on DPCH	Ref.	Applical (Minimum UE ra capabil	adio access	Comments
	Combination on Dron		Parameter	<del>Value</del>	+
23.1	Interactive or background /	34.108	DL Max TB bits	640	+
20.1	UL:32 DL:8 kbps / PS RAB +	6.10.2.4.1.23	DL Max CC TB bits	640	-
	UL:3.4 DL:3.4 kbps SRBs for	0.10.2.4.1.20	DL Max TC TB bits	640	+
	DCCH / (TC, 10 ms TTI)		DL Max TrCHs	4	+
			DL Max CCTrCH	4	+
			DL Max TTI TB	4	+
			DL Max TFS	16	+
			DL Max TF	32	
			DL TC	Yes	+
			UL Max TB bits	640	-
			UL Max CC TB bits	640	+
			UL Max TC TB bits	640	+
			UL Max TrCHs	2	+
			UL Max TTI TB	2	+
			UL Max TFS	4	+
			UL Max TF	32	-
		1	UL TC	<del>Yes</del>	1
		1	Other required UE	None	1
			radio access	TVOHE	
			capability		
23.2	Interactive or background /	34.108	DL Max TB bits	640	
	UL:32 DL:8 kbps / PS RAB +	6.10.2.4.1.23	DL Max CC TB bits	640	
	UL:3.4 DL:3.4 kbps SRBs for		DL Max TC TB bits	640	
	DCCH / (TC, 20 ms TTI)		DL Max TrCHs	4	
			DL Max CCTrCH	4	
			DL Max TTI TB	4	
			DL Max TFS	<del>16</del>	
			DL Max TF	<del>32</del>	
			DL TC	Yes	
			UL Max TB bits	1280	
			UL Max CC TB bits	640	
			UL Max TC TB bits	1280	
			UL Max TrCHs	2	
			UL Max TTI TB	4	
			UL Max TFS	8	
			UL Max TF	<del>32</del>	
			UL TC	Yes	
			Other required UE	None	
			radio access capability		
23.3	Interactive or background /	34.108	DL Max TB bits	640	
20.0	UL:32 DL:8 kbps / PS RAB +	<del>6.10.2.4.1.23</del>	DL Max CC TB bits	640	1
	UL:3.4 DL:3.4 kbps SRBs for		DL Max TC TB bits	N/A	1
	DCCH / (CC, 10 ms TTI)		DL Max TrCHs	4	1
	,	1	DL Max CCTrCH	4	1
		1	DL Max TTI TB	4	1
			DL Max TFS	<del>16</del>	1
		1	DL Max TF	32	1
		1	DL TC	N/A	1
			UL Max TB bits	640	1
		1	UL Max CC TB bits	640	1
		1	UL Max TC TB bits	N/A	1
		1	UL Max TrCHs	2	1
		1	UL Max TTI TB	2	1
		1	UL Max TFS	4	1
		1	UL Max TF	32	1
		1	UL TC	N/A	1
<u> </u>			<del>52 10</del>	1 477 3	

<del>lte</del> m	FDD interoperability radio bearer configuration for combination on DPCH	<del>Ref.</del>	Applical (Minimum UE ra	adio access lity)	Comments
			Parameter	Value	
	Interactive or background /	34.108	DL Max TB bits	640	
	UL:32 DL:8 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH / (CC, 20 ms TTI)	6.10.2.4.1.23	DL Max CC TB bits	640	4
			DL Max TC TB bits	N/A	4
	<del>20017 (00, 20113 111)</del>		DL Max TrCHs	4	4
			DL Max CCTrCH	4	4
			DL Max TTI TB DL Max TFS	4	4
				<del>16</del>	4
			DL Max TF DL TC	<del>32</del> N/A	4
					-
			UL Max TB bits UL Max CC TB bits	<del>1280</del> <del>1280</del>	4
				1/A	-
			UL Max TC TB bits		-
			UL Max TrCHs	2	-
			UL Max TTI TB	4	4
			UL Max TFS	8	4
			UL Max TF	32	4
			UL TC	N/A	4
			Other required UE	None	
			radio access capability		
24.1	Interactive or background /	34.108	DL Max TB bits	640	
	UL:64 DL:8 kbps / PS RAB +	<del>54.106</del> <del>6.10.2.4.1.24</del>	DL Max CC TB bits	640	-
	UL:3.4 DL:3.4 kbps SRBs for	0.10.2.4.1.24	DL Max TC TB bits	640	-
	DCCH / TC		DL Max TrCHs	4	-
	200.17.10		DL Max CCTrCH	4	-
			DL Max TTI TB	4	1
			DL Max TFS	<del>16</del>	-
			DL Max TF	32	4
			DL TC	<del>Yes</del>	-
			UL Max TB bits	<del>2560</del>	-
			UL Max CC TB bits	<del>2360</del> <del>640</del>	-
			UL Max TC TB bits		-
				<del>2560</del>	-
			UL Max TrCHs UL Max TTI TB	8	-
				<del>6</del>	-
			UL Max TFS UL Max TF	32	-
			UL TC		-
				<del>Yes</del> <del>None</del>	4
			Other required UE radio access	None	
			capability		
	Interactive or background /	34.108	DL Max TB bits	640	
	UL:64 DL:8 kbps / PS RAB +	6.10.2.4.1.24	DL Max CC TB bits	640	1
	UL:3.4 DL:3.4 kbps SRBs for DCCH / CC		DL Max TC TB bits	<del>N/A</del>	
	DCCH / CC		DL Max TrCHs	4	1
			DL Max CCTrCH	4	
			DL Max TTI TB	4	
			DL Max TFS	<del>16</del>	1
			DL Max TF	32	
			<del>DL TC</del>	<del>N/A</del>	1
			UL Max TB bits	<del>2560</del>	
			UL Max CC TB bits	640	
			UL Max TC TB bits	<del>2560</del>	
			UL Max TrCHs	2	
			UL Max TTI TB	8	
			UL Max TFS	<del>16</del>	_
			UL Max TF	<del>32</del>	]
			<del>UL TC</del>	Yes	
			Other required UE	None	
			Other required UE radio access capability	None	

lte m	FDD interoperability radio bearer configuration for combination on DPCH	<del>Ref.</del>	Applicat (Minimum UE ra capabil Parameter	adio access	Comments
OF 4	Interactive or background /	24.400			
<del>25.1</del>	Interactive or background / UL:32 DL: 64 kbps / PS RAB +	34.108 6.10.2.4.1.25	DL Max TB bits DL Max CC TB bits	<del>2560</del> <del>640</del>	-
	UL:3.4 DL:3.4 kbps SRBs for	0.10.2.4.1.20	DL Max TC TB bits	<del>2560</del>	-
	DCCH/ (TC, 10 ms TTI)		DL Max TrCHs	4	-
	<del>DCCH/ (TC, TO HIS TTI)</del>		DL Max CCTrCH	4	4
			DL Max TTI TB	8	1
			DL Max TFS	16	1
			DL Max TF	32	1
			DL TC	Yes	1
			UL Max TB bits	640	1
			UL Max CC TB bits	640	†
			UL Max TC TB bits	640	†
			UL Max TrCHs	2	†
			UL Max TTI TB	2	†
			UL Max TFS	4	†
			UL Max TF	32	†
			UL TC	Yes	†
			Other required UE	None	†
			radio access capability	110110	
25.0	Interestive on background /	24.400	DI May TD hite	0500	
<del>25.2</del>	Interactive or background / UL:32 DL: 64 kbps / PS RAB +	34.108 6.10.2.4.1.25	DL Max TB bits	<del>2560</del>	4
	UL:3.4 DL:3.4 kbps SRBs for	0.10.2.4.1.20	DL Max CC TB bits	640	-
	DCCH / (TC, 20 ms TTI)		DL Max TC TB bits	2560	-
	200117 (10, 20 mo 11)		DL Max TrCHs DL Max CCTrCH	4	-
					-
			DL Max TTI TB	8	-
			DL Max TFS	<del>16</del> <del>32</del>	-
			DL Max TF		-
			DL TC UL Max TB bits	<del>Yes</del> 1280	-
			UL Max CC TB bits	640	-
			UL Max TC TB bits	1280	-
			UL Max TrCHs	2	1
			UL Max TTI TB	4	1
			UL Max TFS	8	1
			UL Max TF	32	1
			UL TC	Yes	1
			Other required UE	None	-
			radio access capability	IVOITE	
<del>25.3</del>	Interactive or background /	34.108	DL Max TB bits	<del>2560</del>	
	UL:32 DL: 64 kbps / PS RAB + UL:3.4 DL:3.4 kbps SRBs for	6.10.2.4.1.25	DL Max CC TB bits	640	4
	DCCH / (CC, 10 ms TTI)		DL Max TC TB bits	<del>2560</del>	
	BOOTT (00, 10 110 1 11)		DL Max TrCHs	4	4
			DL Max CCTrCH DL Max TTI TB	4	4
				8	4
			DL Max TFS	<del>16</del>	-
			DL TO	<del>32</del>	4
			DL TC	<del>Yes</del>	-
			UL Max TB bits	640	-
			UL Max CC TB bits	640 N/A	-
			UL Max TC TB bits	N/A	-
			UL Max TrCHs	2	4
			UL Max TTI TB	4	-
			UL Max TFS		4
			UL Max TF	<del>32</del>	4
			UL TC	Yes	4
			Other required UE	None	
			capability		
1			Japability		

lte m	FDD interoperability radio bearer configuration for combination on DPCH	<del>Ref.</del>	Applical (Minimum UE r: capabil	adio access	Comments
			Parameter	Value	
25.4	Interactive or background /	34.108	DL Max TB bits	<del>2560</del>	
25.4	UL:32 DL: 64 kbps / PS RAB +	<del>6.10.2.4.1.25</del>	DL Max CC TB bits	640	
	UL:3.4 DL:3.4 kbps SRBs for	0.10.2.4.1.20	DL Max TC TB bits	2560	
	DCCH / (CC, 20 ms TTI)				
	DOO! 17 (OO, 20 III3 1 II)		DL Max TrCHs	4	
			DL Max CCTrCH	4	
			DL Max TTI TB	8	
			DL Max TFS	<del>16</del>	
			DL Max TF	<del>32</del>	
			DL TC	Yes	
			UL Max TB bits	<del>1280</del>	
			UL Max CC TB bits	<del>1280</del>	
			UL Max TC TB bits	N/A	
			UL Max TrCHs	2	
			UL Max TTI TB	4	
			<del>UL Max TFS</del>	8	
			UL Max TF	<del>32</del>	
			<del>UL TC</del>	Yes	
			Other required UE	None	
			radio access		
			capability		
26	Interactive or background /	34.108	DL Max TB bits	<del>2560</del>	
	UL:64 DL: 64 kbps / PS RAB +	6.10.2.4.1.26	DL Max CC TB bits	640	
	UL:3.4 DL:3.4 kbps SRBs for	0.10.2.4.1.20	DL Max TC TB bits	<del>2560</del>	
	DCCH				
	Воон		DL Max TrCHs	4	
			DL Max CCTrCH	4	
			DL Max TTI TB	8	
			DL Max TFS	<del>16</del>	
			DL Max TF	<del>32</del>	
			<del>DL TC</del>	Yes	
			UL Max TB bits	<del>2560</del>	
			UL Max CC TB bits	640	
			UL Max TC TB bits	<del>2560</del>	
			UL Max TrCHs	2	
			UL Max TTI TB	8	
			UL Max TFS	<del>16</del>	
			UL Max TF	<del>32</del>	
			<del>UL TC</del>	Yes	
			Other required UE	None	
			radio access		
			capability		
27	Interactive or background /	34.108	DL Max TB bits	<del>3840</del>	
<u>_</u> T	UL:64 DL:128 kbps / PS RAB +	<del>6.10.2.4.1.27</del>	DL Max CC TB bits	640	
	UL:3.4 DL:3.4 kbps SRBs for	0.10.2.4.1.27		3840	
	DCCH		DL Max TC TB bits		
	<del>50011</del>		DL Max TrCHs	4	
			DL Max CCTrCH	4	
			DL Max TTI TB	<del>16</del>	
			DL Max TFS	<del>16</del>	
			DL Max TF	<del>32</del>	
			DL TC	Yes	
			UL Max TB bits	<del>2560</del>	
			UL Max CC TB bits	640	
			UL Max TC TB bits		
				<del>2560</del>	
			UL Max TrCHs	2	
			UL Max TTI TB	8	
			UL Max TFS	<del>16</del>	
			UL Max TF	<del>32</del>	
			UL TC	Yes	
			Other required UE	None	
			radio access		
	1				
			capability		

lte m	FDD interoperability radio bearer configuration for combination on DPCH	Ref.	Applical (Minimum UE ra capabil	adio access	Comments
			Parameter	Value	
28	Interactive or background /	34.108 6.10.2.	DL Max TB bits	3840	
20	UL:128 DL:128 kbps / PS RAB	<del>.4.1.28</del>	DL Max CC TB bits	640	
	+ UL:3.4 DL:3.4 kbps SRBs for	.4.1.20	DL Max TC TB bits	3840	
	DCCH				
	DOOLI		DL Max TrCHs	4	
			DL Max CCTrCH	4	
			DL Max TTI TB	<del>16</del>	
			DL Max TFS	<del>16</del>	
			DL Max TF	<del>32</del>	
			DL TC	Yes	
			UL Max TB bits	<del>3840</del>	
			UL Max CC TB bits	640	
			UL Max TC TB bits		
				3840	
			UL Max TrCHs	2	
			UL Max TTI TB	<del>16</del>	
			UL Max TFS	<del>16</del>	
			UL Max TF	<del>32</del>	
			UL TC	Yes	1
			Other required UE	None	1
			radio access	140110	
			capability		
29	Interactive or background /	34.108	DL Max TB bits	3840	
20	III :64 DI :144 kbps / DS DAR I	6.10.2.4.1.29			
		<del>0.10.2.4.1.29</del>	DL Max CC TB bits	640	
	UL:3.4 DL: 3.4 kbps SRBs for		DL Max TC TB bits	3840	
	DCCH		DL Max TrCHs	4	
			DL Max CCTrCH	4	
			DL Max TTI TB	<del>16</del>	
			DL Max TFS	<del>16</del>	
			DL Max TF	32	
			DL TC	Yes	
			UL Max TB bits	<del>2560</del>	
			UL Max CC TB bits	640	
			UL Max TC TB bits	<del>2560</del>	
			UL Max TrCHs	2	
			UL Max TTI TB	8	
			UL Max TFS	<del>16</del>	
			UL Max TF	32	
			<del>UL TC</del>	Yes	
			Other required UE	None	
			radio access		
			capability		
<del>30</del>	Interactive or background /	34.108	DL Max TB bits	<del>3840</del>	
	UL:144 DL:144 kbps / PS RAB	6.10.2.4.1.30	DL Max CC TB bits	640	
	+ UL:3.4 DL: 3.4 kbps SRBs for		DL Max TC TB bits	3840	
	DCCH		DL Max TrCHs	4	
			DL Max CCTrCH	4	
			DL Max TTI TB	<del>16</del>	
			DL Max TFS	<del>16</del>	
			DL Max TF	<del>32</del>	
			DL TC	Yes	1
			UL Max TB bits	3840	1
					1
			UL Max CC TB bits	640	
			UL Max TC TB bits	3840	
			UL Max TrCHs	2	
			UL Max TTI TB	<del>16</del>	
			UL Max TFS	<del>16</del>	
			UL Max TF	<del>32</del>	1
			UL TC	Yes	1
			Other required UE	None	1
				INOTIC	
i			сараршту		
			radio access capability		

1	Interactive or background / UL:64 DL:256 kbps / PS RAB +	<del>34.108</del>	capabil Parameter	Value Value	
1		04.400	. aramotor		
1			DL Max TB bits	3840	
1		<del>6.10.2.4.1.31</del>	DL Max CC TB bits	<del>5040</del> 640	
	UL:3.4 DL: 3.4 kbps SRBs for DCCH /10 ms TTI	0.10.2.4.1.31			
			DL Max TC TB bits	3840	
	<del>50017101113111</del>		DL Max TrCHs	4	
			DL Max CCTrCH	4	
			DL Max TTI TB	<del>16</del>	
			DL Max TFS	<del>16</del>	
			DL Max TF	<del>32</del>	
			DL TC	Yes	
			UL Max TB bits	<del>2560</del>	
			UL Max CC TB bits	<del>640</del>	
			UL Max TC TB bits	<del>2560</del>	
			UL Max TrCHs	2	
			UL Max TTI TB	8	
			UL Max TFS	<del>16</del>	
			UL Max TF	32	
			UL TC	Yes	
			Other required UE	None	
			radio access capability		
31.2	Interactive or background /	34.108	DL Max TB bits	6400	
	UL:64 DL:256 kbps / PS RAB +	6.10.2.4.1.31	DL Max CC TB bits	640	
	UL:3.4 DL: 3.4 kbps SRBs for	0.10.2.4.1.01	DL Max TC TB bits	6400	
	DCCH /20 ms TTI				
	D0011/201113 111		DL Max TrCHs	4	
			DL Max CCTrCH	4	
			DL Max TTI TB	<del>32</del>	
			DL Max TFS	<del>16</del>	
			DL Max TF	<del>32</del>	
			<del>DL TC</del>	Yes	
			UL Max TB bits	<del>2560</del>	
			UL Max CC TB bits	640	
			UL Max TC TB bits	<del>2560</del>	
			UL Max TrCHs	2	
			UL Max TTI TB	8	
			UL Max TFS	<del>16</del>	
			UL Max TF	32	
			UL TC	<del>Yes</del>	
			Other required UE	None	
			radio access capability	None	
32.1	Interactive or background /	34.108	DL Max TB bits	<del>5120</del>	
	UL:64 DL:384 kbps / PS RAB +	<del>34.108</del> <del>6.10.2.4.1.32</del>	DL Max CC TB bits		
	UL:3.4 DL: 3.4 kbps SRBs for	∪ <del>. 1∪.∠.4.1.3∠</del>		640 5120	
	DCCH / 10 ms TTI		DL Max TC TB bits		
1	<del>55517 10 1118 1 1 1</del>		DL Max TrCHs	4	
			DL Max CCTrCH	4	
			DL Max TTI TB	<del>16</del>	
			DL Max TFS	<del>16</del>	
			DL Max TF	<del>32</del>	
			<del>DL TC</del>	Yes	
			UL Max TB bits	<del>2560</del>	
			UL Max CC TB bits	640	
			UL Max TC TB bits	<del>2560</del>	
			UL Max TrCHs	2	
			UL Max TTI TB	8	
			UL Max TFS	<del>16</del>	
			UL Max TF	<del>32</del>	
		ı	UL TC	Yes	
			Other required UE	None	

lte m	FDD interoperability radio bearer configuration for combination on DPCH	Ref.	Applical (Minimum UE ra capabil	adio access	Comments
			Parameter	Value	†
20.0	Interestive on be allowed /	34.108	DL Max TB bits	8960	
32.2	3	<del>34.106</del> <del>6.10.2.4.1.32</del>			4
	UL:64 DL:384 kbps / PS RAB + UL:3.4 DL: 3.4 kbps SRBs for	<del>6.10.2.4.1.32</del>	DL Max CC TB bits	640	
	DCCH / 20 ms TTI		DL Max TC TB bits	8960	-
	<del>DCCH / 20 IIIS 1 II</del>		DL Max TrCHs	4	_
			DL Max CCTrCH	4	
			DL Max TTI TB	<del>32</del>	
			DL Max TFS	<del>32</del>	
			<del>DL Max TF</del>	<del>32</del>	1
			DL TC	Yes	
			UL Max TB bits	<del>2560</del>	1
			UL Max CC TB bits	640	1
			UL Max TC TB bits	<del>2560</del>	-
					4
			UL Max TrCHs	2	-
			UL Max TTI TB	8	
			UL Max TFS	<del>16</del>	
			UL Max TF	<del>32</del>	
			UL TC	Yes	1
			Other required UE	None	1
			radio access	140110	
			capability		
33.1	Interactive or background /	34.108	DL Max TB bits	5120	
00.1	UL:128 DL:384 kbps / PS RAB	6.10.2.4.1.33	DL Max CC TB bits	640	1
	+ UL:3.4 DL:3.4 kbps SRBs for	0.10.2.4.1.33			4
	DCCH / 10 ms TTI		DL Max TC TB bits	<del>5120</del>	-
	DCCH / 10 IIIS 1 II		DL Max TrCHs	4	
			DL Max CCTrCH	4	
			DL Max TTI TB	<del>16</del>	
			DL Max TFS	<del>16</del>	1
			DL Max TF	<del>32</del>	1
			DL TC	Yes	1
			UL Max TB bits	3840	1
					-
			UL Max CC TB bits	640	4
			UL Max TC TB bits	3840	-
			UL Max TrCHs	2	
			UL Max TTI TB	<del>16</del>	
			UL Max TFS	<del>16</del>	
			UL Max TF	<del>32</del>	
			UL TC	Yes	1
			Other required UE	None	
			radio access	140110	
			capability		
33.2	Interactive or background /	34.108	DL Max TB bits	<del>8960</del>	
<del>00.∠</del>	UL:128 DL:384 kbps / PS RAB	<del>34.106</del> <del>6.10.2.4.1.33</del>	DL Max CC TB bits	640	1
	+ UL:3.4 DL:3.4 kbps SRBs for	0. <del>10.2.4.1.00</del>			-
	DCCH / 20 ms TTI		DL Max TC TB bits	8960	-
	<del>DCCIT/ 20 IIIS 1 II</del>		DL Max TrCHs	4	
			DL Max CCTrCH	4	
			DL Max TTI TB	<del>32</del>	
			DL Max TFS	<del>32</del>	
			DL Max TF	<del>32</del>	1
			DL TC	Yes	1
			UL Max TB bits	3840	1
					1
			UL Max CC TB bits	640	-
			UL Max TC TB bits UL Max TrCHs	<del>3840</del> <del>2</del>	
			UL Max TTI TB	<del>16</del>	1
					1
			UL Max TFS	<del>16</del>	-
			UL Max TF	<del>32</del>	4
			<del>UL TC</del>	Yes	_
			Other required UE	None	
			radio access		
ĺ			capability		

lte m	FDD interoperability radio bearer configuration for combination on DPCH	Ref.	Applical (Minimum UE ra capabil	adio access	Comments
			Parameter	Value	†
34.1	Interactive or background /	34.108	DL Max TB bits	5120	
<del>34. I</del>	UL:384 DL:384 kbps / PS RAB	6.10.2.4.1.34	DL Max CC TB bits	640	1
	+ UL:3.4 DL:3.4 kbps SRBs for	0.10.2.4.1.34	DL Max TC TB bits	5120	-
	DCCH / 10 ms TTI				4
	DOCITY TO THIS TITL		DL Max TrCHs	4	4
			DL Max CCTrCH	4	_
			DL Max TTI TB	<del>16</del>	
			DL Max TFS	<del>16</del>	
			DL Max TF	<del>32</del>	
			DL TC	Yes	
			UL Max TB bits	<del>5120</del>	
			UL Max CC TB bits	640	
			UL Max TC TB bits	<del>5120</del>	1
			UL Max TrCHs	2	1
			UL Max TTI TB	<del>16</del>	1
			UL Max TFS	<del>16</del>	1
			UL Max TF	32	1
			UL TC		-
				Yes	4
			Other required UE	None	
			radio access capability		
34.2	Interactive or background /	34.108	DL Max TB bits	8960	
04.2	UL:384 DL:384 kbps / PS RAB	6.10.2.4.1.34	DL Max CC TB bits	640	1
	+ UL:3.4 DL:3.4 kbps SRBs for	0.10.2.4.1.04	DL Max TC TB bits	8960	-
	DCCH / 20 ms TTI				4
	DOCIT/ 20 IIIS 111		DL Max TrCHs	4	_
			DL Max CCTrCH	4	_
			DL Max TTI TB	<del>32</del>	
			DL Max TFS	<del>32</del>	
			DL Max TF	<del>32</del>	
			<del>DL TC</del>	Yes	
			UL Max TB bits	8960	
			UL Max CC TB bits	640	1
			UL Max TC TB bits	<del>8960</del>	1
			UL Max TrCHs	2	1
			UL Max TTI TB	32	†
			UL Max TFS	<del>32</del>	1
			UL Max TF	32	-
			UL TC	ļ -	-
			0 0	Yes	
			Other required UE radio access capability	None	
<del>35.1</del>	Interactive or background /	<del>34.108</del>	DL Max TB bits	<del>40960</del>	]
	UL:64 DL:2048 kbps / PS RAB	6.10.2.4.1.35	DL Max CC TB bits	640	
	+ UL:3.4 DL:3.4 kbps SRBs for		DL Max TC TB bits	40960	
	DCCH / 10 ms TTI		DL Max TrCHs	4	1
			DL Max CCTrCH	4	1
			DL Max TTI TB	64	1
			DL Max TFS	32	†
			DL Max TF	32	†
1			DL TC	<del>Yes</del>	1
					-
			UL Max TB bits	<del>2560</del>	4
			UL Max CC TB bits	640	-
			UL Max TC TB bits	<del>2560</del>	-
			UL Max TrCHs	2	4
			UL Max TTI TB	8	
			<del>UL Max TFS</del>	<del>16</del>	_
			UL Max TF	<del>32</del>	]
			UL TC	Yes	
			Other required UE	None	]
			radio access		
			capability		

lte m	FDD interoperability radio bearer configuration for combination on DPCH	Ref.	Applical (Minimum UE ra capabil	adio access	Comments	
			Parameter	<del>Value</del>		
25.2	Interactive or bookground /	34.108	DL Max TB bits	81920		
35.2	Interactive or background / UL:64 DL:2048 kbps / PS RAB					
		6.10.2.4.1.35	0.10.2.4.1.33	DL Max CC TB bits	640	
	+ UL:3.4 DL:3.4 kbps SRBs for DCCH / 20 ms TTI		DL Max TC TB bits	<del>81920</del>		
	<del>DCCH / 20 IIIS 1 II</del>		DL Max TrCHs	4		
			DL Max CCTrCH	4		
			DL Max TTI TB	<del>96</del>		
			DL Max TFS	64		
			DL Max TF	<del>32</del>		
			<del>DL TC</del>	Yes		
			UL Max TB bits	<del>2560</del>		
			UL Max CC TB bits	640		
			UL Max TC TB bits	<del>2560</del>		
			UL Max TrCHs	2		
			UL Max TTI TB	8		
			UL Max TFS	<del>16</del>		
			UL Max TF	<del>32</del>		
			<del>UL TC</del>	Yes		
			Other required UE	None		
			radio access			
			capability			
36.1	Interactive or background /	34.108	DL Max TB bits	40960		
00.1	UL:128 DL:2048 kbps / PS RAB	6.10.2.4.1.36	DL Max CC TB bits	640		
	+ UL:3.4 DL:3.4 kbps SRBs for	0.10.2.4.1.00	DL Max TC TB bits	40960		
	DCCH / 10 ms TTI					
	DOCH / TO HIS TIT		DL Max TrCHs	4		
			DL Max CCTrCH	1		
			DL Max TTI TB	64		
			DL Max TFS	<del>32</del>		
			DL Max TF	<del>32</del>		
			<del>DL TC</del>	Yes		
			UL Max TB bits	3840		
			UL Max CC TB bits	640		
			UL Max TC TB bits	3840		
			UL Max TrCHs	2		
			UL Max TTI TB	16		
			UL Max TFS	<del>16</del>		
			UL Max TF	32		
			<del>UL TC</del>	Yes		
			Other required UE	None		
			radio access			
			capability			
<del>36.2</del>	Interactive or background /	34.108	DL Max TB bits	<del>81920</del>		
	UL:128 DL:2048 kbps / PS RAB	6.10.2.4.1.36	DL Max CC TB bits	640		
	+ UL:3.4 DL:3.4 kbps SRBs for		DL Max TC TB bits	<del>81920</del>	1	
	DCCH / 20 ms TTI		DL Max TrCHs	4		
			DL Max CCTrCH	4		
			DL Max TTI TB	96		
			DL Max TFS	64		
			DL Max TF	32		
			<del>DL TC</del>	<del>Yes</del>		
			UL Max TB bits	3840		
			UL Max CC TB bits	640		
			UL Max TC TB bits	3840		
			UL Max TrCHs	2	1	
			UL Max TTI TB	<del>16</del>	1	
			UL Max TFS	<del>16</del>	1	
					1	
			UL Max TF	<del>32</del>		
			UL TC	Yes	1	
			Other required UE	None		
			radio access			
1			capability			

lte m	FDD interoperability radio bearer configuration for combination on DPCH	Ref.	Applicat (Minimum UE ra capabil	adio access	Comments
			Parameter	Value	1
37.1	Interactive or background /	34.108	DL Max TB bits	40960	
57.1	UL:384 DL:2048 kbps / PS RAB	<del>6.10.2.4.1.37</del>	DL Max CC TB bits	640	1
	+ UL:3.4 DL:3.4 kbps SRBs for	0.10.2.4.1.07	DL Max TC TB bits	40960	1
	DCCH / 10 ms TTI		DL Max TrCHs	4	=
			DL Max CCTrCH	1	=
			DL Max TTI TB	64	4
			DL Max TFS	32	-
					-
			DL Max TF	<del>32</del>	_
			DL TC	Yes	
			UL Max TB bits	<del>5120</del>	
			UL Max CC TB bits	640	4
			UL Max TC TB bits	<del>5120</del>	
			UL Max TrCHs	2	
			UL Max TTI TB	<del>16</del>	
			UL Max TFS	<del>16</del>	
			UL Max TF	32	
			<del>UL TC</del>	Yes	]
			Other required UE	None	]
			radio access		
			capability		
37.2	Interactive or background /	34.108	DL Max TB bits	81920	
	UL:384 DL:2048 kbps / PS RAB	6.10.2.4.1.37	DL Max CC TB bits	640	1
	+ UL:3.4 DL:3.4 kbps SRBs for		DL Max TC TB bits	<del>81920</del>	
	DCCH / 20 ms TTI		DL Max TrCHs	4	1
			DL Max CCTrCH	1	1
			DL Max TTI TB	96	-
			DL Max TFS	64	4
			DL Max TF	32	4
					4
			DL TC	Yes	
			UL Max TB bits	8960	4
			UL Max CC TB bits	<del>640</del>	
			UL Max TC TB bits	<del>8960</del>	
			UL Max TrCHs	2	
			UL Max TTI TB	<del>32</del>	
			UL Max TFS	<del>32</del>	
			UL Max TF	<del>32</del>	
			<del>UL TC</del>	Yes	
			Other required UE	None	1
			radio access capability		
<del>38.1</del>	Conversational / speech /	<del>34.108</del>	DL Max TB bits	<del>1280</del>	
	UL:12.2 DL:12.2 kbps / CS RAB	<del>6.10.2.4.1.38</del>	DL Max CC TB bits	640	1
	+ Interactive or background /		DL Max TC TB bits	640	1
	UL:32 DL:8 kbps / PS RAB +		DL Max TrCHs	8	1
	UL:3.4 DL:3.4 kbps SRBs for		DL Max CCTrCH	4	1
	DCCH / (TC, 20 ms TTI		DL Max TTI TB	8	1
				<del>0</del> 16	1
			DL Max TFS		-
			DL TO	<del>32</del>	4
			DL TC	Yes	4
			UL Max TB bits	1280	4
			UL Max CC TB bits	640	1
			UL Max TC TB bits UL Max TrCHs	<del>1280</del> 8	-
					-
			UL Max TTI TB	8	4
			UL Max TFS	<del>16</del>	4
			UL Max TF	<del>32</del>	1
			UL TC	Yes	1
			Other required UE	Simultaneous	
			radio access	CS and PS	
			capability	<del>bearer</del>	
				services	

lte m	FDD interoperability radio bearer configuration for combination on DPCH	Ref.	Applical (Minimum UE ra capabil	adio access	Comments
			Parameter	Value	
38.2	Conversational / speech /	34.108	DL Max TB bits	1280	
30.2	UL:12.2 DL:12.2 kbps / CS RAB	<del>6.10.2.4.1.38</del>	DL Max CC TB bits	640	
	+ Interactive or background /	0.10.2.4.1.00	DL Max TC TB bits	640	
	UL:32 DL:8 kbps / PS RAB +		DL Max TrCHs		
	UL:3.4 DL:3.4 kbps SRBs for			8	
	DCCH / (TC, 10 ms TTI		DL Max CCTrCH	4	
	200117 (10, 10 110 111		DL Max TTI TB	8	
			DL Max TFS	<del>16</del>	
			<del>DL Max TF</del>	<del>32</del>	
			DL TC	Yes	
			UL Max TB bits	<del>1280</del>	
			UL Max CC TB bits	640	
			UL Max TC TB bits	640	
			UL Max TrCHs	8	
			UL Max TTI TB	8	
			UL Max TFS	32	
			UL Max TF	32	
			<del>UL TC</del>	Yes	
			Other required UE	Simultaneous	
			radio access	CS and PS	
			capability	<del>bearer</del>	
				services	
38.3	Conversational / speech /	34.108	DL Max TB bits	<del>1280</del>	
	UL:12.2 DL:12.2 kbps / CS RAB	6.10.2.4.1.38	DL Max CC TB bits	<del>1280</del>	
	+ Interactive or background /		DL Max TC TB bits	N/A	
	UL:32 DL:8 kbps / PS RAB +		DL Max TrCHs	8	
	UL:3.4 DL:3.4 kbps SRBs for		DL Max CCTrCH	1	
	DCCH / (CC, 10 ms TTI		DL Max TTI TB	8	
		•		_	
		DL Max TFS	<del>16</del>		
			DL Max TF	32	
			DL TC	<del>N/A</del>	
			UL Max TB bits	<del>1280</del>	
			UL Max CC TB bits	<del>1280</del>	
			UL Max TC TB bits	N/A	
			UL Max TrCHs	8	
			UL Max TTI TB	8	
			UL Max TFS	<del>16</del>	
			UL Max TF	32	
			UI_TC	Yes	
			Other required UE	Simultaneous	
			radio access	CS and PS	
			capability	bearer	
			<del>capability</del>	services	
38.4	Conversational / speech /	<del>34.108</del>	DL Max TB bits	<del>1280</del>	
<del>50.4</del>	UL:12.2 DL:12.2 kbps / CS RAB	<del>34.108</del> <del>6.10.2.4.1.38</del>	DL Max CC TB bits		
	+ Interactive or background /	0.10.2.4.1.30		1280	
	UL:32 DL:8 kbps / PS RAB +		DL Max TC TB bits	N/A	
			DL Max TrCHs	8	
	UL:3.4 DL:3.4 kbps SRBs for		DL Max CCTrCH	4	
	DCCH / (CC, 20 ms TTI		DL Max TTI TB	8	
			DL Max TFS	<del>16</del>	
			DL Max TF	<del>32</del>	
			DL TC	Yes	
			UL Max TB bits	1280	
			UL Max CC TB bits	1280	
			UL Max TC TB bits		
				N/A	
			UL Max TrCHs	8	
			UL Max TTI TB	8	
			UL Max TFS	<del>32</del>	
			UL Max TF	<del>32</del>	
			<del>UL TC</del>	Yes	
			Other required UE	Simultaneous	
			radio access	CS and PS	
			capability	<del>bearer</del>	
1		1		services	

lte m	FDD interoperability radio bearer configuration for	<del>Ref.</del>	Applicability (Minimum UE radio access		Comments
	combination on DPCH		<del>capabi</del>	<del>lity)</del>	
			Parameter Parame	<del>Value</del>	
39.1	Conversational / speech /	34.108	DL Max TB bits	<del>2560</del>	
	UL:12.2 DL:12.2 kbps / CS RAB	6.10.2.4.1.39	DL Max CC TB bits	640	1
	+ Interactive or background /		DL Max TC TB bits	<del>2560</del>	1
	UL:32 DL:64 kbps / PS RAB+		DL Max TrCHs	8	1
	UL:3.4 DL: 3.4 kbps SRBs for		DL Max CCTrCH	1	1
	DCCH / (TC, 10 ms TTI)		DL Max TTI TB	8	
	,		DL Max TFS	32	1
			DL Max TF	<del>32</del>	1
			DL TC		-
				Yes	-
			UL Max TB bits	1280	
			UL Max CC TB bits	640	
			UL Max TC TB bits	<del>640</del>	
			UL Max TrCHs	8	
			UL Max TTI TB	8	
			UL Max TFS	<del>32</del>	
			UL Max TF	<del>32</del>	
			<del>UL TC</del>	Yes	
			Other required UE	Simultaneous	
			radio access	CS and PS	
			capability	bearer	
				services	
39.2	Conversational / speech /	34.108	DL Max TB bits	<del>2560</del>	
	UL:12.2 DL:12.2 kbps / CS RAB	6.10.2.4.1.39	DL Max CC TB bits	640	
	+ Interactive or background /		DL Max TC TB bits	<del>2560</del>	1
	UL:32 DL:64 kbps / PS RAB+		DL Max TrCHs	8	1
	UL:3.4 DL: 3.4 kbps SRBs for		DL Max CCTrCH	1	1
	DCCH / (TC, 20 ms TTI)		DL Max TTI TB	8	
			DL Max TFS	<del>32</del>	
			DL Max TF	32	1
				Yes	1
			DL TC		-
			UL Max TB bits	1280	-
			UL Max CC TB bits	640	
			UL Max TC TB bits	<del>1280</del>	
			UL Max TrCHs	8	
			UL Max TTI TB	8	
			UL Max TFS	<del>32</del>	
			UL Max TF	<del>32</del>	
			<del>UL TC</del>	Yes	
			Other required UE	Simultaneous	
			radio access	CS and PS	
			capability	<del>bearer</del>	
				services	
39.3		<del>34.108</del>	DL Max TB bits	<del>2560</del>	
1	UL:12.2 DL:12.2 kbps / CS RAB	6.10.2.4.1.39	DL Max CC TB bits	640	
	+ Interactive or background /		DL Max TC TB bits	<del>2560</del>	
	UL:32 DL:64 kbps / PS RAB+		DL Max TrCHs	8	
	UL:3.4 DL: 3.4 kbps SRBs for		DL Max CCTrCH	4	
	DCCH / (CC, 10 ms TTI)		DL Max TTI TB	8	1
			DL Max TFS	<del>32</del>	1
			DL Max TF	32	1
			DL TC	Yes	1
1			UL Max TB bits	1280	1
			UL Max CC TB bits	1280	1
1					1
			UL Max TC TB bits	N/A	1
			UL Max TrCHs	8	4
			UL Max TTI TB	8	4
			UL Max TFS	<del>32</del>	1
			UL Max TF	<del>32</del>	1
			<del>UL TC</del>	Yes	
			Other required UE	Simultaneous	
			radio access	CS and PS	
			capability	<del>bearer</del>	
ĺ		1		services	

<del>lte</del> m	FDD interoperability radio bearer configuration for combination on DPCH	bearer configuration for	Applicat (Minimum UE ra capabil	Comments	
			Parameter	Value	
39.4	Conversational / speech /	34.108	DL Max TB bits	2560	
00.4	UL:12.2 DL:12.2 kbps / CS RAB	<del>6.10.2.4.1.39</del>	DL Max CC TB bits	640	
ļ	+ Interactive or background /	0.10.2.4.1.00	DL Max TC TB bits	2560	
ļ	UL:32 DL:64 kbps / PS RAB+				
ļ	UL:3.4 DL: 3.4 kbps SRBs for		DL Max TrCHs	8	
ļ	DCCH / (CC, 20 ms TTI)		DL Max CCTrCH	4	
ļ	200117 (00, 20 ms 111)		DL Max TTI TB	8	
l			DL Max TFS	<del>32</del>	
ļ			DL Max TF	<del>32</del>	
ļ			DL TC	Yes	
l			UL Max TB bits	<del>1280</del>	
ļ			UL Max CC TB bits	1280	
ļ			UL Max TC TB bits	N/A	
l			UL Max TrCHs	8	
l			UL Max TTI TB	8	
l				<del>16</del>	
l			UL Max TFS		
			UL Max TF	32	
Į			<del>UL TC</del>	Yes	
l			Other required UE	Simultaneous	
l			radio access	CS and PS	
l			capability	bearer	
l				services	
40	Conversational / speech /	34.108	DL Max TB bits	<del>2560</del>	
	UL:12.2 DL:12.2 kbps / CS RAB	6.10.2.4.1.40	DL Max CC TB bits	640	
l	+ Interactive or background /	011012111110	DL Max TC TB bits	<del>2560</del>	
l	UL:64 DL:64 kbps / PS RAB+		DL Max TrCHs		
l	UL:3.4 DL: 3.4 kbps SRBs for			8	
l	DCCH		DL Max CCTrCH	4	
l	<del>50011</del>		DL Max TTI TB	8	
l			DL Max TFS	<del>32</del>	
l			DL Max TF	<del>32</del>	
l			DL TC	Yes	
l			UL Max TB bits	<del>2560</del>	
ļ			UL Max CC TB bits	640	
l			UL Max TC TB bits	<del>2560</del>	
l					
l			UL Max TrCHs	8	
ļ			UL Max TTI TB	8	
l			UL Max TFS	<del>32</del>	
ļ			UL Max TF	<del>32</del>	
l			<del>UL TC</del>	Yes	
l			Other required UE	Simultaneous	
l			radio access	CS and PS	
l			capability	bearer	
l				services	
41	Conversational / speech /	34.108	DL Max TB bits	3840	
l	UL:12.2 DL:12.2 kbps / CS RAB	6.10.2.4.1.41	DL Max CC TB bits	640	
l	+ Interactive or background /		DL Max TC TB bits	3840	
l	UL:64 DL:128 kbps / PS RAB +		DL Max TrCHs	8	
l	UL:3.4 DL:3.4 kbps SRBs for				
l	DCCH		DL Max CCTrCH	4	
l			DL Max TTI TB	<del>16</del>	
l			DL Max TFS	<del>32</del>	
l			DL Max TF	<del>32</del>	
Į			<del>DL TC</del>	Yes	
l			UL Max TB bits	<del>2560</del>	
			UL Max CC TB bits	640	
1					
ļ				2560	
			UL Max TC TB bits	<del>2560</del>	
			UL Max TC TB bits UL Max TrCHs	8	
			UL Max TC TB bits UL Max TrCHs UL Max TTI TB	8	
			UL Max TC TB bits UL Max TrCHs UL Max TTI TB UL Max TFS	8 8 <del>32</del>	
			UL Max TC TB bits UL Max TrCHs UL Max TTI TB UL Max TFS UL Max TF	8	
			UL Max TC TB bits UL Max TrCHs UL Max TTI TB UL Max TFS	8 8 <del>32</del>	
			UL Max TC TB bits UL Max TrCHs UL Max TTI TB UL Max TFS UL Max TF UL TC	8 8 <del>32</del> <del>32</del>	
			UL Max TC TB bits UL Max TrCHs UL Max TTI TB UL Max TFS UL Max TF	8 8 32 32 Yes	
			UL Max TC TB bits UL Max TrCHs UL Max TTI TB UL Max TFS UL Max TF UL TC Other required UE	8 8 32 32 Yes Simultaneous	

lte m	FDD interoperability radio bearer configuration for combination on DPCH	bearer configuration for	(Minimum UE ra	Applicability (Minimum UE radio access capability)		
			Parameter	Value		
42.1	Conversational / speech /	34.108	DL Max TB bits	3840		
72.1	UL:12.2 DL:12.2 kbps / CS RAB	6.10.2.4.1.42	DL Max CC TB bits	640		
	+ Interactive or background /	0.10.2.4.1.42	DL Max TC TB bits	3840		
	UL:64 DL:256 kbps / PS RAB +					
	UL:3.4 DL:3.4 kbps SRBs for		DL Max TrCHs	8		
	DCCH / 10 ms TTI		DL Max CCTrCH	4		
	00017 10 1113 1 11		<del>DL Max TTI TB</del>	<del>16</del>		
			DL Max TFS	<del>32</del>		
			DL Max TF	<del>32</del>		
			DL-TC	Yes		
			UL Max TB bits	<del>2560</del>		
			UL Max CC TB bits	640		
			UL Max TC TB bits	<del>2560</del>		
			UL Max TrCHs	8		
			UL Max TTI TB	8		
			UL Max TFS	<del>32</del>		
			UL Max TF	<del>32</del>		
			<del>UL TC</del>	Yes		
			Other required UE	Simultaneous		
			radio access	CS and PS		
			capability	bearer		
			3	services		
42.2	Conversational / speech /	34.108	DL Max TB bits	6400		
	UL:12.2 DL:12.2 kbps / CS RAB	6.10.2.4.1.42	DL Max CC TB bits	640		
	+ Interactive or background /	0.10.2.4.1.42	DL Max TC TB bits	6400		
	UL:64 DL:256 kbps / PS RAB +					
	UL:3.4 DL:3.4 kbps SRBs for		DL Max TrCHs	8		
		CH / 20 ms TTI	DL Max CCTrCH	4		
	<del>50017 20 118 1 11</del>		DL Max TTI TB	<del>32</del>		
			DL Max TFS	64		
			DL Max TF	<del>32</del>		
			<del>DL TC</del>	Yes		
			UL Max TB bits	<del>2560</del>		
			UL Max CC TB bits	640		
			UL Max TC TB bits	<del>2560</del>		
			UL Max TrCHs	8		
			UL Max TTI TB			
				8		
			UL Max TFS	<del>32</del>		
			UL Max TF	<del>32</del>		
			<del>UL TC</del>	Yes		
			Other required UE	Simultaneous		
			radio access	CS and PS		
			capability	<del>bearer</del>		
				services		
43.1	Conversational / speech /	34.108	DL Max TB bits	<del>5120</del>		
	UL:12.2 DL:12.2 kbps / CS RAB	6.10.2.4.1.43	DL Max CC TB bits	640		
	+ Interactive or background /		DL Max TC TB bits	<del>4120</del>		
	UL:64 DL:384 kbps / PS RAB +		DL Max TrCHs	8		
	UL:3.4 DL:3.4 kbps SRBs for		DL Max CCTrCH	4		
	DCCH / 10 ms TTI		DL Max TTI TB	<del>16</del>		
			DL Max TFS	64		
			DL Max TF	32		
			<del>DL TC</del>	Yes		
			UL Max TB bits	<del>2560</del>		
			UL Max CC TB bits	640		
			UL Max TC TB bits	<del>2560</del>		
			UL Max TrCHs	8		
			UL Max TTI TB	8		
			UL Max TFS	<del>32</del>		
			UL Max TF	<del>32</del>		
			UL TC	Yes		
			Other required UE	Simultaneous		
			radio access	CS and PS		
			capability	bearer		
1			1	services		

lte m	FDD interoperability radio bearer configuration for combination on DPCH	<del>Ref.</del>	Applicat (Minimum UE ra capabil	adio access ity)	Comments
			Parameter Parameter	<del>Value</del>	
43.2	Conversational / speech /	<del>34.108</del>	DL Max TB bits	<del>8960</del>	
	UL:12.2 DL:12.2 kbps / CS RAB	6.10.2.4.1.43	DL Max CC TB bits	640	
	+ Interactive or background /		DL Max TC TB bits	8960	
	UL:64 DL:384 kbps / PS RAB +		DL Max TrCHs	8	
	UL:3.4 DL:3.4 kbps SRBs for		DL Max CCTrCH	4	
	DCCH / 20 ms TTI		DL Max TTI TB	<del>32</del>	
			DL Max TFS	64	
			DL Max TF	<del>32</del>	
			DL TC	Yes	
			UL Max TB bits	<del>2560</del>	
			UL Max CC TB bits	640	
			UL Max TC TB bits	<del>2560</del>	
			UL Max TrCHs	8	
			UL Max TTI TB	8	
			UL Max TFS	<del>32</del>	
			UL Max TF	<del>32</del>	
			<del>UL TC</del>	Yes	
			Other required UE	Simultaneous	
			radio access	CS and PS	
			capability	bearer	
				services	
44.1	Conversational / speech /	34.108	DL Max TB bits	40960	
	UL:12.2 DL:12.2 kbps / CS RAB	6.10.2.4.1.44	DL Max CC TB bits	640	
	+ Interactive or background /		DL Max TC TB bits	40960	
	UL:128 DL:2048 kbps / PS RAB		DL Max TrCHs	8	
	+ UL:3.4 DL:3.4 kbps SRBs for		DL Max CCTrCH	4	
	DCCH / 10 ms TTI		DL Max TTI TB	64	
			DL Max TFS	96	
			DL Max TF	32	
			DL TC	Yes	
			UL Max TB bits	3840	
			UL Max CC TB bits	640	
			UL Max TC TB bits	3840	
			UL Max TrCHs	8	
			UL Max TTI TB	<del>16</del>	
			UL Max TFS	<del>32</del>	
			UL Max TF	<del>32</del>	
			<del>UL TC</del>	Yes	
			Other required UE	Simultaneous	
			radio access	CS and PS	
			capability	bearer	
				services	
44.2	Conversational / speech /	<del>34.108</del>	DL Max TB bits	<del>81920</del>	
	UL:12.2 DL:12.2 kbps / CS RAB	6.10.2.4.1.44	DL Max CC TB bits	<del>640</del>	
	+ Interactive or background /		DL Max TC TB bits	<del>81920</del>	
	UL:128 DL:2048 kbps / PS RAB		DL Max TrCHs	8	
	+ UL:3.4 DL:3.4 kbps SRBs for		DL Max CCTrCH	4	
	DCCH / 20 ms TTI		DL Max TTI TB	96	
			DL Max TFS	<del>128</del>	
			DL Max TF	32	
			DL TC	Yes	1
			UL Max TB bits	3840	1
			UL Max CC TB bits	640	1
			UL Max TC TB bits	3840	1
			UL Max TC TB bits		
				8	
1			UL Max TTI TB	<del>16</del>	-
			UL Max TFS	<del>32</del>	
			UL Max TF	<del>32</del>	
			<del>UL TC</del>	Yes	
1			Other required UE	Simultaneous	
			radio access	CS and PS	
			capability	bearer	
				services	

lte m	FDD interoperability radio bearer configuration for combination on DPCH	<del>Ref.</del>	Applical (Minimum UE ra	adio access	Comments
45	Convergational	24.400	Parameter DI May TD hite		
45	Conversational / speech / UL:12.2 DL:12.2 kbps / CS RAB	34.108 6.10.2.4.1.45	DL Max TB bits	3840	<u>_</u>
	+ Streaming / unknown /	<del>0.10.2.4.1.45</del>	DL Max CC TB bits	640	4
	UL:57.6 DL:57.6 kbps / CS RAB		DL Max TC TB bits	<del>2560</del>	<u> </u>
	+ UL:3.4 DL:3.4 kbps SRBs for		DL Max TrCHs	8	4
	DCCH		DL Max CCTrCH	4	4
			DL Max TTI TB	8	_
			DL Max TFS	32	<u> </u>
			DL Max TF	<del>32</del>	<u>_</u>
			DL TC	Yes	<u> </u>
			UL Max TB bits	3840	<u>_</u>
			UL Max CC TB bits	640	<u> </u>
			UL Max TC TB bits	<del>2560</del>	
			UL Max TrCHs	8	<u>_</u>
			UL Max TTI TB	8	
			UL Max TFS	<del>32</del>	
			UL Max TF	32	
			UL TC	Yes	<u> </u>
			Other required UE	Multicall	
			radio access capability	<del>(2xCS)</del>	
46	Conversational / speech /	34.108	DL Max TB bits	3840	
40	UL:12.2 DL:12.2 kbps / CS RAB	<del>6.10.2.4.1.46</del>	DL Max CC TB bits	640	_
	+ Streaming / unknown / UL:0	0.10.2.4.1.40	DL Max TC TB bits	2560	-
	DL:64 kbps / CS RAB + UL:3.4		DL Max TrCHs	8	_
	DL:3.4 kbps SRBs for DCCH		DL Max CCTrCH	1	_
	·		DL Max TTI TB	<del>16</del>	_
	See note 1		DL Max TFS	<del>32</del>	_
			DL Max TF	32	_
			DL TC	Yes	_
			UL Max TB bits	1280	_
			UL Max CC TB bits	640	_
			UL Max TC TB bits	640	_
			UL Max TrCHs	8	_
			UL Max TTI TB	8	-
			UL Max TFS	<del>32</del>	_
			UL Max TF	32	_
			UL TC	Yes	_
			Other required UE	Multicall	-
			radio access capability	<del>(2xCS)</del>	
47	Conversational / speech /	34.108	DL Max TB bits	6400	
	UL:12.2 DL:12.2 kbps / CS RAB	6.10.2.4.1.47	DL Max CC TB bits	640	
	+ Streaming / unknown / UL:0		DL Max TC TB bits	6400	
	DL:128 kbps / CS RAB + UL:3.4		DL Max TrCHs	8	
	DL:3.4 kbps SRBs for DCCH		DL Max CCTrCH	4	
	See note 1		DL Max TTI TB	<del>32</del>	
	<del>See note 1</del>		DL Max TFS	48	
			DL Max TF	<del>32</del>	_
			DL TC	Yes	
			UL Max TB bits	1280	
			UL Max CC TB bits	640	
			UL Max TC TB bits	640	
			UL Max TrCHs	8	
			UL Max TTI TB	8	
			UL Max TFS	<del>16</del>	
			UL Max TF	<del>32</del>	
			UL TC	Yes	1
			Other required UE	Multicall	1
			radio access	(2xCS)	
			capability	<u> </u>	

lte m	FDD interoperability radio bearer configuration for combination on DPCH	<del>Ref.</del>	Applicat (Minimum UE ra capabil	adio access ity)	Comments
			Parameter Parame	<del>Value</del>	
48	Conversational / speech /	<del>34.108</del>	DL Max TB bits	<del>20480</del>	
	UL:12.2 DL:12.2 kbps / CS RAB	<del>6.10.2.4.1.48</del>	DL Max CC TB bits	<del>640</del>	₫
	+ Streaming / unknown / UL:0		DL Max TC TB bits	20480	₫
	DL:384 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH		DL Max TrCHs	8	
	DE.3.4 KUPS OR DS 101 DCCT		DL Max CCTrCH	4	₫
	See note 1		DL Max TTI TB	64	₫
	Occ Hote 1		DL Max TFS	48	
			<del>DL Max TF</del>	<del>32</del>	
			<del>DL TC</del>	Yes	
			UL Max TB bits	<del>1280</del>	
			UL Max CC TB bits	640	
			UL Max TC TB bits	<del>640</del>	
			UL Max TrCHs	8	
			UL Max TTI TB	8	
			UL Max TFS	<del>16</del>	
			UL Max TF	<del>32</del>	
			<del>UL TC</del>	Yes	
			Other required UE	Multicall	
			radio access	<del>(2xCS)</del>	
			capability		
49.1	Conversational / speech /	34.108	DL Max TB bits	2560	
	UL:12.2 DL:12.2 kbps / CS RAB	6.10.2.4.1.49	DL Max CC TB bits	<del>640</del>	
	+ Conversational / unknown /		DL Max TC TB bits	1280	1
	UL:64 DL:64 kbps / CS RAB +		DL Max TrCHs	8	1
	UL:3.4 DL:3.4 kbps SRBs for		DL Max CCTrCH	4	1
	DCCH / 20 ms TTI		DL Max TTI TB	8	1
			DL Max TFS	<del>16</del>	
			DL Max TF	32	1
			DL TC	Yes	
			UL Max TB bits	<del>2560</del>	
			UL Max CC TB bits	640	
			UL Max TC TB bits	1280	
			UL Max TrCHs	8	
			UL Max TTI TB	8	
			UL Max TFS	<del>16</del>	1
			UL Max TF	32	1
			UL TC	Yes	
			Other required UE	Multicall	†
			radio access	(2xCS)	
			capability	(EXCC)	
49.2		34.108	DL Max TB bits	3840	
	UL:12.2 DL:12.2 kbps / CS RAB	6.10.2.4.1.49	DL Max CC TB bits	640	
	+ Conversational / unknown /		DL Max TC TB bits	<del>2560</del>	
	UL:64 DL:64 kbps / CS RAB +		DL Max TrCHs	8	
	UL:3.4 DL:3.4 kbps SRBs for		DL Max CCTrCH	4	
	DCCH / 40 ms TTI		DL Max TTI TB	8	1
			DL Max TFS	<del>16</del>	1
			DL Max TF	<del>32</del>	1
			DL TC	Yes	
			UL Max TB bits	3840	1
			UL Max CC TB bits	640	
			UL Max TC TB bits	<del>2560</del>	1
			UL Max TrCHs	8	1
			UL Max TTI TB	8	1
			UL Max TFS	<del>16</del>	1
			UL Max TF	<del>32</del>	1
			UL TC	Yes	1
			Other required UE	Multicall	1
			radio access capability	<del>(2xCS)</del>	

lte m	FDD interoperability radio bearer configuration for combination on DPCH	uration for (Minimum UE radio access		Comments	
			Parameter .	Value	
<del>50.1</del>	Conversational / unknown /	34.108	DL Max TB bits	3840	
	UL:64 DL:64 kbps / CS RAB +	6.10.2.4.1.50	DL Max CC TB bits	640	
	Conversational / unknown /		DL Max TC TB bits	<del>2560</del>	
	UL:64 DL:64 kbps / CS RAB +		DL Max TrCHs	4	
	UL:3.4 DL:3.4 kbps SRBs for		DL Max CCTrCH	4	
	<del>DCCH / 20 ms TTI</del>		DL Max TTI TB	8	
			DL Max TFS	16	
			DL Max TF	<del>32</del>	
			DL TC	Yes	
			UL Max TB bits	3840	
			UL Max CC TB bits	640	
			UL Max TC TB bits	<del>2560</del>	
			UL Max TrCHs	4	
			UL Max TTI TB	8	
				8	
			UL Max TFS		
			UL Max TF	32	-
			UL TC	Yes	-
			Other required UE	Multicall	
			radio access capability	<del>(2xCS)</del>	
50.2	Conversational / unknown /	34.108	DL Max TB bits	6400	
	UL:64 DL:64 kbps / CS RAB +	6.10.2.4.1.50	DL Max CC TB bits	<del>640</del>	
	Conversational / unknown /		DL Max TC TB bits	2560	
	UL:64 DL:64 kbps / CS RAB +		DL Max TrCHs	4	
	UL:3.4 DL:3.4 kbps SRBs for		DL Max CCTrCH	1	
	DCCH / 40 ms TTI	OCCH / 40 ms TTI	DL Max TTI TB	<del>16</del>	
			DL Max TFS	<del>16</del>	
			DL Max TF	32	
			DL TC	Yes	
			UL Max TB bits	6400	
			UL Max CC TB bits		
			UL Max TC TB bits	640 5120	
				4	
			UL Max TrCHs UL Max TTI TB	16	
			UL Max TFS	8	
			UL Max TF	<del>32</del>	
			00	Yes	
			Other required UE radio access capability	Multicall (2xCS)	
<del>51.1</del>	Conversational / unknown /	34.108	DL Max TB bits	<del>3840</del>	
<del>01.1</del>	UL:64 DL:64 kbps / CS RAB /	<del>54.106</del> <del>6.10.2.4.1.51</del>	DL Max CC TB bits	640	1
	20 ms TTI + Interactive or	J. 10.2.7. 1.01	DL Max TC TB bits	3840	1
	background / UL:64 DL:64 kbps		DL Max TrCHs	4	
	/ PS RAB + UL:3.4 DL:3.4 kbps				
	SRBs for DCCH		DL Max CCTrCH	4	
			DL Max TTI TB	8	
			DL Max TFS	32	
			DL Max TF	32	
			DL TC	Yes	
			UL Max TB bits	3840	
			UL Max CC TB bits	<del>640</del>	
			UL Max TC TB bits UL Max TrCHs	<del>3840</del> 4	
			UL Max TTI TB	8	1
			UL Max TFS	<del>32</del>	1
			UL Max TF	<del>32</del>	1
			UL TC	Yes	
			Other required UE	Simultaneous	
			radio access	CS and PS	
		1			İ
			capability	<del>bearer</del>	

lte m	FDD interoperability radio bearer configuration for combination on DPCH	Ref.	Applical (Minimum UE ra	adio access lity)	Comments
			Parameter	Value	
<del>51.2</del>	Conversational / unknown /	<del>34.108</del>	DL Max TB bits	<del>5120</del>	
	UL:64 DL:64 kbps / CS RAB / 40 ms TTI + Interactive or	6.10.2.4.1.51	DL Max CC TB bits	640	
	background / UL:64 DL:64 kbps		DL Max TC TB bits	<del>5120</del>	
	/ PS RAB + UL:3.4 DL:3.4 kbps		DL Max TrCHs	4	
	SRBs for DCCH		DL Max CCTrCH	4	
	ONDS TO BOOM		DL Max TTI TB	<del>16</del>	
			DL Max TFS	<del>32</del>	
			DL Max TF	<del>32</del>	
			<del>DL TC</del>	Yes	
			UL Max TB bits	<del>5120</del>	
			UL Max CC TB bits	<del>640</del>	
			UL Max TC TB bits	<del>5120</del>	
			UL Max TrCHs	4	
			UL Max TTI TB	<del>16</del>	
			UL Max TFS	<del>32</del>	
			UL Max TF	32	
			<del>UL TC</del>	Yes	
			Other required UE	Simultaneous	
			radio access	CS and PS	
			capability	<del>bearer</del> <del>services</del>	
<del>52.1</del>	Conversational / unknown /	34.108	DL Max TB bits	<del>5120</del>	
	UL:64 DL:64 kbps / CS RAB /	6.10.2.4.1.52	DL Max CC TB bits	640	
	20 ms TTI + Interactive or		DL Max TC TB bits	<del>5120</del>	
	background / UL:64 DL:128		DL Max TrCHs	4	
	kbps / PS RAB + UL:3.4 DL:3.4		DL Max CCTrCH	4	
	kbps SRBs for DCCH		DL Max TTI TB	<del>16</del>	
			DL Max TFS	<del>32</del>	
			DL Max TF	32	
			<del>DL TC</del>	Yes	
			UL Max TB bits	3840	
			UL Max CC TB bits	640	
			UL Max TC TB bits	3840	
			UL Max TrCHs	4	
			UL Max TTI TB	8	
			UL Max TFS	<del>32</del>	
			UL Max TF	32	
			UL TC	Yes	
			Other required UE	Simultaneous	
			radio access	CS and PS	
			capability	bearer	
			<del>oapasiiity</del>	services	
52.2	Conversational / unknown /	34.108	DL Max TB bits	6400	
J2 <del>.Z</del>	UL:64 DL:64 kbps / CS RAB /	6.10.2.4.1.52	DL Max CC TB bits	640	
	40 ms TTI + Interactive or	0.10.2.4.1.02	DL Max TC TB bits	6400	
	background / UL:64 DL:128		DL Max TrCHs	4	
	kbps / PS RAB + UL:3.4 DL:3.4		DL Max CCTrCH	4	
	kbps SRBs for DCCH		DL Max TTI TB	16	
	·				
			DL Max TFS	<del>32</del>	
			DL TO	<del>32</del>	
			DL TC	Yes	
			UL Max TB bits	5120	
1			UL Max CC TB bits	640	
			UL Max TC TB bits	<del>5120</del>	
			UL Max TrCHs	4	
			UL Max TTI TB	<del>16</del>	
			UL Max TFS	<del>32</del>	
			UL Max TF	<del>32</del>	
			<del>UL TC</del>	Yes	
			Other required UE	Simultaneous	
			radio access	CS and PS	
			capability	<del>bearer</del>	
		Ì		services	

lte m	FDD interoperability radio bearer configuration for combination on DPCH	bearer configuration for (Minimum UE radio access		Comments	
			Parameter	Value	
53.1	Conversational / unknown /	34.108	DL Max TB bits	<del>5120</del>	
	UL:64 DL:64 kbps / CS RAB /	6.10.2.4.1.53	DL Max CC TB bits	640	
	20 ms TTI + Interactive or	0.10.2.1.1.00	DL Max TC TB bits	5120	
	background / UL:128 DL:128				
	kbps / PS RAB + UL:3.4 DL:3.4		DL Max TrCHs	4	
	kbps SRBs for DCCH		DL Max CCTrCH	4	
	Ropo Cribo for Beeff		DL Max TTI TB	<del>16</del>	
			DL Max TFS	<del>32</del>	
			DL Max TF	<del>32</del>	
			DL-TC	Yes	
			UL Max TB bits	<del>5120</del>	
			UL Max CC TB bits	640	
			UL Max TC TB bits	<del>5120</del>	
			UL Max TrCHs	4	
			UL Max TTI TB	<del>16</del>	
			UL Max TFS	<del>32</del>	
			UL Max TF	<del>32</del>	
			UL TC	Yes	
			Other required UE	Simultaneous	
			radio access	CS and PS	
			capability	bearer	
			<del>capability</del>	services	
F2 2	Conversational / unknown /	04.400	DL May TD hite	6400	
<del>53.2</del>		34.108	DL Max TB bits		
	UL:64 DL:64 kbps / CS RAB /	6.10.2.4.1.53	DL Max CC TB bits	<del>640</del>	
	40 ms TTI + Interactive or		DL Max TC TB bits	<del>6400</del>	
	background / UL:128 DL:128		DL Max TrCHs	4	
	kbps / PS RAB + UL:3.4 DL:3.4		DL Max CCTrCH	4	
	kbps SRBs for DCCH		DL Max TTI TB	<del>16</del>	
			DL Max TFS	<del>32</del>	
			DL Max TF	32	
			DL TC	Yes	
			UL Max TB bits	6400	
			UL Max CC TB bits	640	
			UL Max TC TB bits	6400	
			UL Max TrCHs	4	
			UL Max TTI TB	16	
			UL Max TFS	<del>32</del>	
			UL Max TF	32	
			UL TC	Yes	
			Other required UE	Simultaneous	
			radio access	CS and PS	
			capability	<del>bearer</del>	
				services	
54	Interactive or background /	<del>34.108</del>	DL Max TB bits	<del>5120</del>	
	UL:64 DL:128 kbps / PS RAB +	6.10.2.4.1.54	DL Max CC TB bits	640	
	Streaming / unknown / UL:0		DL Max TC TB bits	<del>5120</del>	
	DL:64 kbps / CS RAB + UL:3.4		DL Max TrCHs	4	
	DL:3.4 kbps SRBs for DCCH				
			DL Max CCTrCH	4	
	See note		DL Max TTI TB	<del>16</del>	
	GCC HOLE		DL Max TFS	64	
			DL Max TF	<del>32</del>	
			<del>DL TC</del>	Yes	
			UL Max TB bits	<del>2560</del>	
			UL Max CC TB bits	640	1
			UL Max TC TB bits		1
				<del>2560</del>	
			UL Max TrCHs	4	
			UL Max TTI TB	8	
			UL Max TFS	<del>32</del>	
			UL Max TF	<del>32</del>	
			UL TC	Yes	1
			Other required UE	Simultaneous	
			radio access	CS and PS	
1			capability	<del>bearer</del>	
				services	

lte m	FDD interoperability radio bearer configuration for	Ref.	Applicat (Minimum UE ra	adio access	Comments
	combination on DPCH		<del>capabil</del>	<del>ity)</del>	
			Parameter Parameter	<del>Value</del>	
<del>55</del>	Interactive or background /	<del>34.108</del>	DL Max TB bits	<del>7680</del>	
	UL:64 DL:128 kbps / PS RAB +	6.10.2.4.1.55	DL Max CC TB bits	640	
	Streaming / unknown / UL:0 DL:128 kbps / CS RAB + UL:3.4		DL Max TC TB bits	<del>7680</del>	
			DL Max TrCHs	4	
	DL:3.4 kbps SRBs for DCCH		DL Max CCTrCH	4	
	Coornets		DL Max TTI TB	<del>32</del>	
	See note		DL Max TFS	64	
			DL Max TF	<del>32</del>	
			DL-TC	Yes	
			UL Max TB bits	<del>2560</del>	
			UL Max CC TB bits	640	
			UL Max TC TB bits	<del>2560</del>	
			UL Max TrCHs	4	
			UL Max TTI TB	8	
			UL Max TFS	<del>32</del>	
			UL Max TF	<del>32</del>	
			<del>UL TC</del>	Yes	
			Other required UE	Simultaneous	
			radio access	CS and PS	
			capability	<del>bearer</del>	
				services	

NOTE: To enable UE loopback of test data for the FDD interoperability reference radio bearer configurations having zero rate in uplink or downlink (items 18 to 22, items 47 to 49 and items 54 and 55 in table A.18c) the "Streaming / unknown / UL:14,4 kbps / CS RAB" and "Streaming / unknown / DL:14,4 kbps / CS RAB" have been used instead of the zero-rate uplink and downlink configuration. The impact on the UE radio access capability has been taken into account in the applicability statement for those items.

Table A.18d: FDD interoperability radio bearer capabilities for combinations on PDSCH and DPCH

Item	FDD interoperability radio bearer configuration for combination on PDSCH and DPCH	Ref.	UE radio access See no		Comments
1.1	Interactive or background / UL:64 DL:256 kbps / PS RAB /	34.108 6.10.2.4.2.1	DL Max TB bits DL Max CC TB bits	3840 640	
	10 ms TTI + UL:3.4 DL: 3.4 kbps SRBs for DCCH	0.10.2.4.2.1	DL Max TC TB bits	3840	
			DL Max TrCHs	4	
			DL Max CCTrCH	2	1
			DL Max TTI TB	<del>16</del>	
			DL Max TFS	<del>16</del>	
			DL Max TF	32	
			DL TC	Yes	
			UL Max TB bits	<del>2560</del>	
			UL Max CC TB bits	640	
			UL Max TC TB bits UL Max TrCHs	<del>2560</del> 4	-
			UL Max TTI TB	8	1
			UL Max TFS	<del>16</del>	
			UL Max TF	<del>32</del>	
			UL TC	Yes	
			Other required UE	PDSCH=Yes	
			radio access capability		
1.2	Interactive or background /	34.108	DL Max TB bits	6400	
	UL:64 DL:256 kbps / PS RAB /	6.10.2.4.2.1	DL Max CC TB bits	640	1
	20 ms TTI + UL:3.4 DL: 3.4		DL Max TC TB bits	6400	
	kbps SRBs for DCCH		DL Max TrCHs	4	
			DL Max CCTrCH	2	
			DL Max TTI TB	<del>16</del>	
			DL Max TFS	<del>16</del>	
			DL Max TF	<del>32</del>	
			DL TC	Yes	
			UL Max TB bits UL Max CC TB bits	<del>2560</del> <del>640</del>	-
			UL Max TC TB bits	<del>2560</del>	1
			UL Max TrCHs	4	
			UL Max TTI TB	8	
			UL Max TFS	<del>16</del>	
			UL Max TF	<del>32</del>	
			<del>UL TC</del>	Yes	
			Other required UE	PDSCH=Yes	
			radio access capability		
2.1	Interactive or background /	34.108	DL Max TB bits	<del>5120</del>	
	UL:64 DL:384 kbps / PS RAB /	<del>6.10.2.4.2.2</del>	DL Max CC TB bits	<del>640</del>	
	10 ms TTI + UL:3.4 DL: 3.4		DL Max TC TB bits	<del>5120</del>	
	kbps SRBs for DCCH		DL Max TrCHs	4	
			DL Max CCTrCH	2	
			DL Max TTI TB	<del>16</del>	
			DL Max TFS DL Max TF	<del>16</del> <del>32</del>	-
			DL TC	<del>yes</del>	1
			UL Max TB bits	<del>108</del> <del>2560</del>	1
			UL Max CC TB bits	640	1
			UL Max TC TB bits	2560	1
			UL Max TrCHs	4	1
			UL Max TTI TB	8	
			UL Max TFS	<del>16</del>	
			UL Max TF	<del>32</del>	
			<del>UL TC</del>	Yes	
			Other required UE	PDSCH=Yes	
			radio access		
			capability		
<u> </u>		<u> </u>	1		l .

Item	FDD interoperability radio bearer configuration for combination on PDSCH and DPCH	Ref.	UE radio access capability See note.		Comments	
2.2	Interactive or background /	34.108	DL Max TB bits	8960		
	UL:64 DL:384 kbps / PS RAB /	6.10.2.4.2.2	DL Max CC TB bits	640	1	
	20 ms TTI + UL:3.4 DL: 3.4	0	DL Max TC TB bits	8960	1	
	kbps SRBs for DCCH		DL Max TrCHs	4		
			DL Max CCTrCH	2	-	
					-	
			DL Max TTI TB	32		
			DL Max TFS	<del>16</del>		
			DL Max TF	<del>32</del>		
			DL TC	Yes		
			UL Max TB bits	<del>2560</del>		
			UL Max CC TB bits	640		
			UL Max TC TB bits	<del>2560</del>	1	
			UL Max TrCHs	4	1	
			UL Max TTI TB	8	1	
			UL Max TFS	<del>16</del>	-	
1			UL Max TF	<del>32</del>		
1			<del>UL TC</del>	Yes		
			Other required UE	PDSCH=Yes		
			radio access capability			
3.1	Interactive or background /	34.108	DL Max TB bits	40960		
0.1	UL:64 DL:2048 kbps / PS RAB /	6.10.2.4.2.3	DL Max CC TB bits	640	1	
	10 ms TTI + UL:3.4 DL: 3.4	0.10.2.4.2.0			-	
	kbps SRBs for DCCH		DL Max TC TB bits	40960		
	KUPS SKES IUI DOON		DL Max TrCHs	4		
			DL Max CCTrCH	2		
			DL Max TTI TB	<del>64</del>		
			DL Max TFS	<del>16</del>	1	
			DL Max TF	<del>32</del>		
			DL-TC	Yes	1	
			UL Max TB bits	2560	-	
					-	
			UL Max CC TB bits	640		
			UL Max TC TB bits	<del>2560</del>		
			UL Max TrCHs	4		
			UL Max TTI TB	8		
			UL Max TFS	<del>16</del>		
			UL Max TF	<del>32</del>	1	
			UL TC	Yes	1	
			Other required UE radio access	PDSCH=Yes		
			capability			
<del>3.2</del>	Interactive or background /	<del>34.108</del>	DL Max TB bits	<del>81920</del>	-	
	UL:64 DL:2048 kbps / PS RAB /	6.10.2.4.2.3	DL Max CC TB bits	<del>640</del>		
	20 ms TTI + UL:3.4 DL: 3.4		DL Max TC TB bits	<del>81920</del>		
	kbps SRBs for DCCH		DL Max TrCHs	4		
			DL Max CCTrCH	2	]	
			DL Max TTI TB	<del>96</del>	1	
			DL Max TFS	<del>32</del>	1	
			DL Max TF	32	1	
					1	
			DL TC	Yes	-	
			UL Max TB bits	<del>2560</del>		
			UL Max CC TB bits	640		
			UL Max TC TB bits UL Max TrCHs	<del>2560</del> 4		
			UL Max TTI TB	8	1	
					-	
			UL Max TFS	<del>16</del>	-	
			UL Max TF	<del>32</del>		
			UL TC	Yes		
			Other required UE	PDSCH=Yes		
			radio access			
1			capability			

Item	FDD interoperability radio bearer configuration for combination on PDSCH and DPCH	Ref.	UE radio access See no	Comments	
4.1	Conversational / speech /	34.108	DL Max TB bits	3840	
	<del>UL:12.2 DL:12.2 kbps / CS RAB</del>	6.10.2.4.2.4	DL Max CC TB bits	<del>640</del>	
	+ Interactive or background /		DL Max TC TB bits	3840	
	UL:64 DL:256 kbps / PS RAB /		DL Max TrCHs	8	
	10 ms TTI + UL:3.4 DL:3.4 kbps		DL Max CCTrCH	2	
	SRBs for DCCH		<del>DL Max TTI TB</del>	<del>16</del>	
			DL Max TFS	<del>16</del>	
			<del>DL Max TF</del>	<del>32</del>	
			DL-TC	Yes	
			UL Max TB bits	<del>2560</del>	
			UL Max CC TB bits	640	
			UL Max TC TB bits	<del>2560</del>	
			UL Max TrCHs	8	
			UL Max TTI TB	8	
			UL Max TFS	<del>32</del>	
			UL Max TF	<del>32</del>	
			<del>UL TC</del>	Yes	
			Other required UE	PDSCH=Yes;	
			radio access	and	
			capability	Simultaneous	
				CS and PS	
				<del>bearer</del> <del>services</del>	
4.2	Conversational / speech /	34.108	DL Max TB bits	6400	
7.2	UL:12.2 DL:12.2 kbps / CS RAB		DL Max CC TB bits	640	
	+ Interactive or background /	0.10.2.1.2.1	DL Max TC TB bits	6400	
	UL:64 DL:256 kbps / PS RAB /		DL Max TrCHs	8	
	20 ms TTI + UL:3.4 DL:3.4 kbps		DL Max CCTrCH	2	
	SRBs for DCCH		DL Max TTI TB	32	
			DL Max TFS	<del>16</del>	
			DL Max TF	32	
			DL TC	Yes	
			UL Max TB bits	<del>2560</del>	
			UL Max CC TB bits	640	
			UL Max TC TB bits	<del>2560</del>	
			UL Max TrCHs	8	
			UL Max TTI TB	8	
			UL Max TFS	<del>32</del>	
			UL Max TF	32	
			UL TC	Yes	
			Other required UE	PDSCH=Yes:	
			radio access	and	
			capability	Simultaneous	
			1 9	CS and PS	
				<del>bearer</del>	
				services	

Item	FDD interoperability radio bearer configuration for combination on PDSCH and DPCH	Ref.	UE radio acces See no	Comments	
5.1	Conversational / speech /	34.108	DL Max TB bits	<del>5120</del>	
	UL:12.2 DL:12.2 kbps / CS RAB	<del>6.10.2.4.2.5</del>	DL Max CC TB bits	640	
	+ Interactive or background /		DL Max TC TB bits	<del>5120</del>	
	UL:64 DL:384 kbps / PS RAB /		DL Max TrCHs	8	
	10 ms TTI + UL:3.4 DL:3.4 kbps		DL Max CCTrCH	2	
	SRBs for DCCH		DL Max TTI TB	<del>16</del>	
			DL Max TFS	<del>16</del>	
			DL Max TF	<del>32</del>	
			<del>DL TC</del>	Yes	
			UL Max TB bits	<del>2560</del>	
			UL Max CC TB bits	640	
			UL Max TC TB bits	<del>2560</del>	
			UL Max TrCHs	8	
			UL Max TTI TB	8	
			UL Max TFS	<del>32</del>	
			UL Max TF	<del>32</del>	
			<del>UL TC</del>	Yes	
			Other required UE	PDSCH=Yes;	
			radio access	and	
			capability	Simultaneous	
				CS and PS	
				bearer	
5.2	Conversational / speech /	34.108	DL Max TB bits	services 8960	
<del>0.∠</del>	UL:12.2 DL:12.2 kbps / CS RAB		DL Max CC TB bits	640	
	+ Interactive or background /	0.10.2.4.2.3		<del>8960</del>	
	UL:64 DL:384 kbps / PS RAB /		DL Max TC TB bits DL Max TrCHs		
	20 ms TTI + UL:3.4 DL:3.4 kbps		DL Max CCTrCH	<del>8</del>	
	SRBs for DCCH		DL Max TTI TB		
				<del>32</del> <del>16</del>	
			DL Max TFS DL Max TF	<del>32</del>	
			DL Wax 1F	<del>Yes</del>	
			UL Max TB bits	<del>10S</del> <del>2560</del>	
			UL Max CC TB bits	640	
			UL Max TC TB bits	2560	
			UL Max TrCHs	8	
			UL Max TTI TB	8	
			UL Max TFS	<del>32</del>	
			UL Max TF	<del>32</del>	
			UL TC	<del>32</del> <del>Yes</del>	
			Other required UE	PDSCH=Yes:	
			radio access	and	
			capability	Simultaneous	
			oup <del>ubmity</del>	CS and PS	
				<del>bearer</del>	

Item	FDD interoperability radio bearer configuration for combination on PDSCH and DPCH	Ref.	UE radio access See no		Comments	
6.1	Conversational / speech /	34.108	DL Max TB bits	40960		
	UL:12.2 DL:12.2 kbps / CS RAB	<del>6.10.2.4.2.6</del>	DL Max CC TB bits	640		
	+ Interactive or background /		DL Max TC TB bits	40960		
	UL:64 DL:2048 kbps / PS RAB /		DL Max TrCHs	8		
	10 ms TTI + UL:3.4 DL:3.4 kbps		DL Max CCTrCH	2		
	SRBs for DCCH		DL Max TTI TB	48		
			DL Max TFS	<del>16</del>		
			DL Max TF	<del>32</del>		
			DL TC	Yes		
			UL Max TB bits	<del>2560</del>		
			UL Max CC TB bits	640		
			UL Max TC TB bits	<del>2560</del>		
			UL Max TrCHs	8		
			UL Max TTI TB	8		
			UL Max TFS	<del>32</del>		
			UL Max TF	<del>32</del>		
			UL TC	Yes		
			Other required UE	PDSCH=Yes;		
			radio access	and		
			capability	Simultaneous		
				CS and PS		
				bearer		
		0.1.100	D. 14 TD.11	services		
6.2	Conversational / speech /	34.108	DL Max TB bits	<del>81920</del>		
	UL:12.2 DL:12.2 kbps / CS RAB + Interactive or background /	<del>6.10.2.4.2.6</del>	DL Max CC TB bits	640		
	UL:64 DL:2048 kbps / PS RAB /		DL Max TC TB bits	81920		
	20 ms TTI + UL:3.4 DL:3.4 kbps		DL Max TrCHs	8		
	SRBs for DCCH		DL Max CCTrCH	2		
	Charles for Boots		DL Max TTI TB	<del>96</del>		
			DL Max TFS	32		
			DL Max TF	<del>32</del>		
			DL TC	Yes		
			UL Max TB bits	<del>2560</del>		
			UL Max CC TB bits	640		
			UL Max TC TB bits	<del>2560</del>		
			UL Max TrCHs	8		
			UL Max TTI TB	8	1	
			UL Max TFS	<del>32</del>	4	
			UL Max TF	<del>32</del>	4	
			UL TC	Yes	-	
			Other required UE	PDSCH=Yes;		
			radio access	and Simultaneous		
			capability	CS and PS		
				bearer		
1				services		

Table A.18e: FDD interoperability radio bearer capabilities for combinations on SCCPCH

Item	bearer configuration for combination on SCCPCH	Ref.	Applicability (Minimum UE radio access capability)		Comments
4	Stand-alone signalling RB for PCCH	34.108 6.10.2.4.3.1	DL Max TB-bits DL Max CC TB-bits DL Max TC TB-bits DL Max TrCHs DL Max TrCHs DL Max TTTTB DL Max TTTTB DL Max TFS DL Max TF DL TC Other required UE radio access capability	640 640 N/A 4 1 4 16 32 N/A none	
2	Interactive/Background 32 kbps PS RAB + SRBs for CCCH + SRB for DCCH + SRB for BCCH	34.108 6.10.2.4.3.2	DL-Max TB-bits DL-Max CC TB-bits DL-Max TC TB-bits DL-Max TrCHs DL-Max TrCHs DL-Max TT TB DL-Max TFS DL-Max TF DL-TC Other required UE radio access capability	1280 640 640 4 1 4 16 32 Yes	
3	Interactive/Background 32 kbps RAB + SRBs for PCCH + SRB for CCCH + SRB for DCCH + SRB for BCCH	34.108 6.10.2.4.3.3	DL-Max TB-bits DL-Max CC TB-bits DL-Max TC-TB-bits DL-Max TrCHs DL-Max CCTrCH DL-Max TTI-TB DL-Max TFS DL-Max TF DL-TC Other required UE radio access capability	1280 640 640 4 1 8 16 32 Yes	

Table A.18f: FDD interoperability radio bearer capabilities for combinations on PRACH

Item	FDD interoperability radio bearer configuration for combination on PRACH	Ref.	Applicat (Minimum UE ra capabil	Comments	
4	Interactive/Background 32 kbps	34.108	UL Max TB bits	640	
	PS RAB + SRB for CCCH +	6.10.2.4.4.1	UL Max CC TB bits	<del>640</del>	
	SRB for DCCH		UL Max TC TB bits	N/A	
			UL Max TrCHs	2	
			UL Max TTI TB	2	
			UL Max TFS	4	
			UL Max TF	<del>32</del>	
			UL TC	N/A	
			Other required UE	none	
			radio access		
			capability		

## A.4.3.3.2 TDD Radio Bearer Capabilities (1.28 Mcps option)

The applicability column in table A.18g specifies the minimum UE radio access capability for which radio bearer configurations are applicable. The UE radio access capability parameters and their possible value range are defined in TS 25.306 [34a] clause 5.1.

The following labels have been used in table A.18g to represent the various UE radio access capability parameters:

•	<b>Label</b>	UE radio access capability parameter as defined in [34a] 25.306.				
Transport	DL Max TB bits	Maximum sum of number of bits of all transport blocks being received at an				
<del>channel</del>		arbitrary time instant				
<del>parameters in</del>	DL Max CC TB bits	Maximum sum of number of bits of all convolutionally coded transport blocks				
<del>downlink</del>		being received at an arbitrary time instant				
	DL Max TC TB bits	Maximum sum of number of bits of all turbo coded transport blocks being				
		received at an arbitrary time instant				
	DL Max TrCHs	Maximum number of simultaneous transport channels				
	DL Max CCTrCH	Maximum number of simultaneous CCTrCH				
	DL Max TTI TB	Maximum total number of transport blocks received within TTIs that end within				
		the same 10 ms interval				
	DL Max TFS	Maximum number of TFC in the TFCS				
	DL Max TF	Maximum number of TF				
	<del>DL TC</del>	Support for turbo decoding				
<del>Transport</del>	UL Max TB bits	Maximum sum of number of bits of all transport blocks being transmitted at an				
<del>channel</del>		arbitrary time instant				
<del>parameters in</del>	UL Max CC TB bits	Maximum sum of number of bits of all convolutionally coded transport blocks				
<del>uplink</del>		being transmitted at an arbitrary time instant				
	UL Max TC TB bits	Maximum sum of number of bits of all turbo coded transport blocks being				
		transmitted at an arbitrary time instant				
	UL Max TrCHs	Maximum number of simultaneous transport channels				
	UL Max CCTrCH	Maximum number of simultaneous CCTrCH				
	UL Max TFS	Maximum number of TFC in the TFCS				
	UL Max TF	Maximum number of TF				
	<del>UL TC</del>	Support for turbo encoding				

Table A.18g: Radio bearer capabilities for combinations on DPCH (1.28 Mcps TDD option).

lte m	1.28 Mcps TDD option iradio bearer configuration for combination on DPCH	Ref.	Applicability (Minimum UE radio access capability)		Comments
			Parameter Parame	<del>Value</del>	
4	Stand-alone UL:1.7 DL:1.7 kbps	34.108	DL Max TB bits	640	
	SRBs for DCCH	6.11.5.4.1.1	DL Max CC TB bits	640	
			DL Max TC TB bits	N/A	
			DL Max TrCHs	4	
			DL Max CCTrCH	4	
			DL Max TTI TB	4	
			DL Max TFS	<del>16</del>	
			DL Max TF	<del>32</del>	
			<del>DL TC</del>	N/A	
			UL Max TB bits	640	
			UL Max CC TB bits	640	
			UL Max TC TB bits	N/A	
			UL Max TrCHs	2	
			UL Max CCTrCH	1	
			UL Max TFS	4	
			UL Max TF	32	
			<del>UL TC</del>	N/A	
			Other required UE	None	
			radio access		
			capability		
2	Stand-alone UL:3.4 DL:3.4 kbps	34.108	DL Max TB bits	640	
	SRBs for DCCH	<del>6.11.5.4.1.2</del>	DL Max CC TB bits	640	
			DL Max TC TB bits	N/A	
			DL Max TrCHs	4	
			DL Max CCTrCH	4	
			DL Max TTI TB	4	
			DL Max TFS	<del>16</del>	
			DL Max TF	<del>32</del>	
			DL TC	N/A	
			UL Max TB bits	640	

lte m	1.28 Mcps TDD option iradio bearer configuration for combination on DPCH	<del>Ref.</del>	Applical (Minimum UE ra capabil	adio access	Comments
	10. Combination on broth		Parameter	<del>Value</del>	1
			UL Max CC TB bits	640	4
			UL Max TC TB bits	N/A	1
			UL Max TrCHs	2	1
			UL Max CCTrCH	4	1
			UL Max TFS	4	1
			UL Max TF	<del>32</del>	1
			UL TC	N/A	1
			Other required UE	None	
			radio access capability		
3	Stand-alone UL:13.6 DL:13.6	34.108	DL Max TB bits	640	
9	kbps SRBs for DCCH	<del>6.11.5.4.1.3</del>	DL Max CC TB bits	640	4
			DL Max TC TB bits	N/A	†
			DL Max TrCHs	4	1
			DL Max CCTrCH	4	1
			DL Max TTI TB	4	1
			DL Max TFS	<del>16</del>	1
			DL Max TF	<del>32</del>	1
			DL TC	N/A	1
			UL Max TB bits	640	
			UL Max CC TB bits	640	
			UL Max TC TB bits	N/A	1
			UL Max TrCHs	2	1
			UL Max CCTrCH	4	
			UL Max TFS	4	
			<del>UL Max TF</del>	<del>32</del>	
			UL TC	N/A	
			Other required UE	None	
			radio access capability		
4	Conversational / speech /	34.108	DL Max TB bits	640	
	UL:12.2 DL:12.2 kbps / CS RAB	6.11.5.4.1.4	DL Max CC TB bits	640	
	+ UL:3.4 DL:3.4 kbps SRBs for		DL Max TC TB bits	N/A	
	DCCH		DL Max TrCHs	4	
			DL Max CCTrCH	4	
			DL Max TTI TB	4	
			DL Max TFS	<del>16</del>	
			<del>DL Max TF</del>	<del>32</del>	
			DL TC	N/A	
			UL Max TB bits	<del>640</del>	
			UL Max CC TB bits	640	_
			UL Max TC TB bits	N/A	_
			UL Max TrCHs	4	4
			UL Max CCTrCH	4	4
			UL Max TFS UL Max TF	<del>8</del> <del>32</del>	4
			UL Max IF	<del>32</del> N/A	-
			Other required UE	None	-
			radio access	None	
			capability		
5	Conversational / speech / UL:10.2 DL:10.2 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	34.108 6.11.5.4.1.5	Same as for item 4.	1	
6	Conversational / speech /	34.108	Same as for item 4		
6	UL:7.95 DL:7.95 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	6.11.5.4.1.6	Same as for item 4.		
7	Conversational / speech / UL:7.4 DL:7.4 kbps / CS RAB+ UL:3.4 DL:3.4 kbps SRBs for DCCH	34.108 6.11.5.4.1.7	Same as for item 4.		
8	Conversational / speech /	34.108	Same as for item 4.		
	UL:6.7 DL:6.7 kbps / CS RAB + UL:3.4 DL:3.4 kbps SRBs for DCCH	6.11.5.4.1.8			

# A.4.3.4 Layer 2/3 Baseline Implementation Capabilities (access stratum)

#### **Table A.19: PDCP Parameters**

Item	PDCP Parameters	Ref.	Release	Comments
4	Support of RFC 2507	<del>25.323, 5.1.2</del>	R99	IP header compression protocol RFC
				2507 is supported
2	Support of Lossless SRNS relocation	<del>25.323, 5.4</del>	R99	Lossless SRNS Relocation is supported
3	More than one PDCP entity	<del>25.323, 5.1</del>	R99	Establishment of more than one PDCP
	•			entities is supported
4	Support of UM RB and AM RB	<del>34.123-1,</del>	<del>R99</del>	Support of two radio bearer RLC AM
		<del>7.3.2.2.4</del>		and RLC UM as defined in test case
				<del>7.3.2.2.4</del>

#### **Table A.19b: BMC Parameters**

Item	BMC Parameters	Ref.	Release	Comments
4	Support of BMC	<del>25.324, 9.1</del>	<del>R99</del>	BMC is supported, i.e. the UE is
				capable of receiving and forwarding
				BMC messages
2	Support of BMC Scheduling	<del>25.324, 9.1</del>	<del>R99</del>	BMC DRX Scheduling (Level 2
				Scheduling) is supported, i.e. the UE is
				capable to perform DRX for predicted,
				scheduled BMC messages
3	Support of ANSI-41 CB data	<del>25.324, 9.1</del>	<del>R99</del>	BMC supports the reception of ANSI-41
	••			CB data

## A.4.4 Additional information

**Table A.20: Additional information** 

Item	Additional information	Ref.	Release	Comments
4	At least one bearer service	<del>22.002, 3</del>	<del>R99</del>	
2	At least one supplementary service	22.004, 4	R99	
3	Inter-system measurement for GSM	<del>25.331, 8.4</del>	R99	
4	At least one MO circuit switched basic service	<del>24.008,</del>	R99	
•		<del>5.3.4.2.1</del>		
5	At lease one MT circuit switched basic service	24.008.	R99	
		5.3.4.2.2		
6	Immediate connect supported for all circuit switched basic services.	<del>24.008, 5.2.1.6</del>	<del>R99</del>	
7	Activation of one or more PDP contexts simultaneously	<del>[TBD]</del>	<del>R99</del>	
8	Sending of correct acknowledgement of memory full condition	<del>[TBD]</del>	<del>R99</del>	
9	Status report capability	[TBD]	<del>R99</del>	
10	(Void)	[100]	R99	
_	*	ITDDI		
11	Storing of received Class 1 short messages	[TBD]	R99	
<del>12</del>	Storing of received Class 2 short messages in the SIM	<del>[TBD]</del>	<del>R99</del>	
<del>13</del>	Replacing of short messages	<del>[TBD]</del>	<del>R99</del>	
14	Reply procedures	23.040, Annex 4	<del>R99</del>	
<del>15</del>	Sending of multiple short messages on the same RR connection when there is no call in progress	<del>[TBD]</del>	<del>R99</del>	
<del>16</del>	Sending of concatenated multiple short messages when there is a call in progress	<del>[TBD]</del>	<del>R99</del>	
<del>17</del>	Only circuit switched basic service supported by the mobile is emergency call	<del>22.003, 6, A.1.2</del>	<del>R99</del>	
<del>18</del>	Multi-code transmission	[TBD]	R99	
<del>19</del>	Poll_PU based polling mode of AM RLC	(TBD)	<del>R99</del>	
20	Timer based polling mode of AM RLC	(TBD)	R99	
21	Discard mode of AM RLC	(TBD)	<del>R99</del>	
22	At least one MO circuit switched basic service	(TBD)	R99	
23	At least one MO circuit switched basic service for which immediate connect is not used	<del>[TBD]</del>	R99	
<del>24</del>	Network initiated MO call (CCBS)	24.008, 5.2.3 24.093, 4.1	<del>R99</del>	
<del>25</del>	DTMF protocol control procedure	<del>24.008, 5.5.7</del>	<del>R99</del>	
<del>26</del>	Secondary PDP context activation procedure	24.008, 6.1.3.2	R99	
27	Support of UMTS encryption algorithm UEA1	33.102, 6.6	R99	
<del>28</del>	Support of UMTS integrity algorithm UIA1	<del>33.102, 6.5</del>	R99	
<del>29</del>	Support Automatic calling repeat call attempt	22.001, Annex	<del>R99</del>	
30	Support auto-calling more B-party numbers than the number of B-party numbers that can be stored in the list of blacklisted numbers	22.001, Annex E	<del>R99</del>	
<del>31</del>	Void			
32	Support of Follow On Proceed	24.008, 4.4.4.6	<del>R99</del>	
33	Support detach on power down		R99	
34	Support detach on USIM removal		R99	
35	Support switch on/off		<del>R99</del>	
36	Support USIM removal without power down		R99	
37	Indication and user selection of PLMN	23.122, 4.4.3	R99	
38	Support of automatic PS attach procedure at switch on.		R99	
39	User requested combined PS and non-PS detached without powering off	24.008, 4.7.4	<del>R99</del>	
40	User requested non-PS detached	24.008, 4.7.4	<del>R99</del>	
41	Support for user setting of minimum QoS	[TBD]	R99	
4+	Support for user setting of millimum Qua	נחחיו	1188	

Annex B (informative): Void

# Annex C (informative): Change history

Meeting -1st- Level	Doc-1st-Level	CR	Rev	Subject		Version - Current	Version -New	Doc-2nd- Level	
TP-09				Approval of the specification as v3.1.0 rather than 3.0.0 to		2.0.0	3.1.0		
				be aligned with 34.123-1 version number.	F				
TP-10	TP-000219	001		cases"		3.1.0	3.2.0	T1-000280	
TP-10	TP-000219	002		Update of applicability clauses for RLC test cases	F	3.1.0	3.2.0	T1-000302	
TP-10	TP-000219	003		Update of Applicability Statements for RRC Test Cases	F	3.1.0	3.2.0	T1-000295	
TP-10	TP-000219	004		Update of applicability statements for radio bearer test cases	F	3.1.0	3.2.0	T1-000291	
TP-10	TP-000219	005		Update of applicability statements for Session Management test cases	В	3.1.0	3.2.0	T1-000299	
TP-10	TP-000219	006		Update of Applicability statements for PACKET SWITCHED MOBILITY MANAGEMENT	В	3.1.0	3.2.0	T1-000284	
TP-11	TP-010022	007		Update of Applicability statements for "Idle mode test cases"	F	3.2.0	3.3.0	T1-010077	
TP-11	TP-010022	008		Updates to clause 4 of TS 34.123-2 version 3.2.0	F	3.2.0	3.3.0	T1-010085	
TP-11	TP-010022	009		Update of Applicability statements for GMM	F	3.2.0	3.3.0	T1-010087	
TP-12	TP-010122	010		ICS for Idle mode tests	F	3.3.0	3.4.0	T1-010168	
TP-12	TP-010122	011		Update to applicability tables for RLC tests	F	3.3.0	3.4.0	T1-010172	
TP-12	TP-010122	012		Update to MAC test applicability tables	F	3.3.0	3.4.0	T1-010177	
TP-12	TP-010122	013		Update of applicability table	F	3.3.0	3.4.0	T1-010180	
TP-12	TP-010122	014		Deletion of applicability statement for intersystem handover tests GERAN to UTRAN	F	3.3.0	3.4.0	T1-010182	
TP-12	TP-010122	015		Corrections to applicability for CC test cases	D	3.3.0	3.4.0	T1-010186	
TP-12	TP-010122	016		Corrections to applicability for CC test cases	D	3.3.0	3.4.0	T1-010188	
TP-12	TP-010122	017		MM test case ICS update	F	3.3.0	3.4.0	T1-010190	
TP-12	TP-010122	018		Correction to MM applicability	F	3.3.0	3.4.0	T1-010191	
TP-12	TP-010122	019		Correction and Addition of PICS and applicability tables for MM, SMS auto-calling, emergency call and intersystem HO test cases		3.3.0	3.4.0	T1-010192	
TP-12	TP-010122	020		Update to SMS Applicability tables	F	3.3.0	3.4.0	T1-010195	
TP-12	TP-010122	021		SMS applicability		3.3.0	3.4.0	T1-010197	
TP-12	TP-010122	022		GMM ICS update		3.3.0	3.4.0	T1-010201	
TP-12	TP-010122	023		Update of applicability of interoperability radio bearer test cases		3.3.0	3.4.0	T1-010209	
TP-13	TP-010187	024		Applicability for PDCP and BMC		3.4.0	3.5.0	T1-010380	
TP-13	TP-010187	025		Update on Mobility Management		3.4.0	3.5.0	T1-010327	
TP-13	TP-010187	026		Idle mode applicability: Merge of 202 and 204	F	3.4.0	3.5.0	T1-010328	
TP-13	TP-010187	027		Addition of a SM test case for UE in GSM		3.4.0	3.5.0	T1-010329	
TP-13	TP-010187	028		Update to GMM ICS		3.4.0	3.5.0	T1-010330	
TP-13	TP-010187	029		Update of applicability of radio bearer test cases	F	3.4.0	3.5.0	T1-010331	
TP-13	TP-010187	030		Update to SMS applicability	F	3.4.0	3.5.0	T1-010332	
TP-13	TP-010187	031		Update of Table of aplicability tests of RACH test cases in TS34.123-2 to 1.28 Mcps TDD mode (Rel4)	F	3.4.0	4.0.0	T1-010333	
TP-13	TP-010187	032		Editorial modification for References	F	3.4.0	3.5.0	T1-010334	
TP-13	TP-010187	033		Merging of Rel4 and R99 protocol test specifications	F	3.4.0	4.0.0	T1-010273	
TP-14	TP-010262	035		updated applicability for PDCP testing	F	4.0.0	4.1.0	T1-010436	
TP-14	TP-010262	036		Applicability test for Idle mode (section 6.1.2.7 and 6.2)	F	4.0.0	4.1.0	T1-010437	
TP-14	TP-010262	037		ICS/IXIT for traffic volume measurement test cases	F	4.0.0	4.1.0	T1-010438	
TP-14	TP-010262	038		Applicability of the new interRAT test cases.	F	4.0.0	4.1.0	T1-010439	
TP-14	TP-010262	039		Update to GMM test cases		4.0.0	4.1.0	T1-010440	
TP-14	TP-010262	040		Update of applicability of interoperability radio bearer test		4.0.0	4.1.0	T1-010441	
TP-14	TP-010262	041		Update of RRC test case applicability		4.0.0	4.1.0	T1-010442	
TP-14	TP-010262	041	-	Inclusion of Baseline Implementation Capabilities for 1.28		4.0.0	4.1.0	T1-010442	
			-						
TP-14	TP-010262	043	-	Applicability test for RRC section (TDD)		4.0.0	4.1.0	T1-010444	
TP-14	TP-010262	044		Inclusion of Radio Bearer Applicability, Conditions and		4.0.0	4.1.0	T1-010445	
TP-15	TP-020043	045		Corrections to R'4 RRC test cases applicability	F	4.1.0	4.2.0	T1-020067	
TP-15	TP-020043	046		Update of Applicability table for RRC test cases	F	4.1.0	4.2.0	T1-020068	
TP-15	TP-020043	047		Applicability for 8.4.1 Measurement Control and Report test cases	F	4.1.0	4.2.0	T1-020069	
TP-15	TP-020043	048		Applicability for 6.1.2.8 Cell reselection : Equivalent PLMN	F	4.1.0	4.2.0	T1-020070	
TP-15	TP-020043	049		Applicability for 8.3.7.13 Inter system handover from	F	4.1.0	4.2.0	T1-020071	

-1st-	Doc-1st-Level	CR	Rev	Subject		Version -	Version -New	Doc-2nd- Level
Level				UTD 1117 0011/		Current		
				UTRAN/To GSM/ success / call under establishment				
TP-15	TP-020043	050		Applicability for 8.3 HCS cell reselection	F	4.1.0	4.2.0	T1-020072
TP-15	TP-020043	051		Corrections to applicability table for Measurement Control and Report Test Cases	F	4.1.0	4.2.0	T1-020073
TP-15	TP-020043	052		Applicability statements for additional Measurement Control and Report test cases	F	4.1.0	4.2.0	T1-020074
TP-15	TP-020043	053		Correction to applicability statements of MAC test cases	F	4.1.0	4.2.0	T1-020075
TP-15	TP-020043	054		Applicability of new test cases		4.1.0	4.2.0	T1-020076
TP-15	TP-020043	055		Applicability of 8.1 RRC Connection Management Procedure (TDD both modes)	F	4.1.0	4.2.0	T1-020077
TP-15	TP-020043	056		Applicability of 8.2 RRC Radio Bearer Control Procedure (TDD both modes)	F	4.1.0	4.2.0	T1-020078
TP-15	TP-020043	057		Clarification of applicable releases (TDD) of test cases in TS 34.123-2	F	4.1.0	4.2.0	T1-020079
TP-15	TP-020043	058		Correction of the applicability table for test case 11.1.1.2.1 QoS offered by the network is a lower QoS / QoS accepted by UE	F	4.1.0	4.2.0	T1-020080

			CHAN	IGE RI	EQI	JES <sup>-</sup>	Τ		CR-Form-v5.1
<sup>♯</sup> TS 3	3 <mark>4.12</mark>	3-2 CR	072	жr	ev	<b>-</b> #	Current vers	4.2.0	æ
For <u>HELP</u> on using this form, see bottom of this page or look at the pop-up text over the <b>x</b> symbols.									
Proposed change	affects	:₩ (L	J)SIM	ME/UE	X	Radio <i>A</i>	Access Networ	k Core N	letwork
Title: Ж	CR to	Section	4, Table 1:	Addition	of tes	t of sho	rt message typ	oe 0 (16.1.6 &	16.2.6)
Source: #	Voda	fone D2 (	GmbH						
Work item code: ₩	TEI						Date: ₩	05.05.2002	
Reason for change	F A B C D Detaile be foun	(correction (correspo (addition) (functional (editorial) ad explanated in 3GPF	nds to a cor of feature), al modification modification iions of the a PTR 21.900 Type 0 the network op	rrection in a on of featurn ) above cated re is curre erators in	e) gories ently n	can  o test e	2	f the following re (GSM Phase 2 (Release 1996 (Release 1997 (Release 1998 (Release 1998 (Release 4) (Release 5)	e is used
Summary of chang		behave ad has been have beer	ccording to made hard created a	the core s der from R as sections	specif EL-4 s 16.1	ications to REL .6a and	s. Since the co -5, the REL-5 I I 16.2.6a respe 6.1.6a (CS) ar	onformance re- relevant Test ( ectively.	quirement Cases
Consequences if not approved:			cability Tal				,		,
Clauses affected:	¥	Section 4	, Table 1, A	Applicabilit	ly Tah	le			
Other specs affected:	*	Other of	core specification	ications s	¥		TS 34.123-1		
Other comments:	*	The corre	<mark>sponding t</mark>	est case o	of 3GF	PPTS 5	1.010-1 is 34.	2.6	

Table 1: Applicability of tests

2

Clause	Title	Release	Applicability	Comments
[] SMS				
16.1.1	SMS on CS mode / SMS mobile terminated	R99	C18	UE capable of receiving Short Message at any time on CS mode.
16.1.2	SMS on CS mode / SMS mobile originated	R99	C20	UE capable of submitting Short Message at any time on CS mode.
16.1.3	SMS on CS mode / Test of memory full condition and memory available notification	R99	C21	UE capable of sending the correct acknowledgement of memory full condition on CS mode.
16.1.4	SMS on CS mode / Test of the status report capabilities and of SMS-COMMAND	R99	C22	UEs supporting the status report capabilities on CS mode.
16.1.5.1	SMS on CS mode / Short message class 0	R99	C23	UE capable of displaying short messages on CS mode
16.1.5.2	SMS on CS mode / Test of class 1 short messages	R99	C24	UE capable of displaying short messages and storing of received Class 1 Short Messages on CS mode
16.1.5.3	SMS on CS mode / Test of class 2 short messages	R99	C25	UE capable of displaying short messages and storing of received Class 2 Short Messages in the SIM on CS mode.
16.1.5.4	SMS on CS mode / Test of class 3 short messages	R99	[FFS]	[FFS]
16.1.6	SMS on CS mode / Test of short message type 0 (R99 and REL-4 UE) (???)	R99 <u>&amp;</u> REL-4 only	[FFS]C18	UE capable of receiving Short  Message on CS mode[FFS]
<u>16.1.6a</u>	SMS on CS mode / Test of short message type 0 (≥ REL-5 UE)	REL-5	<u>C19</u>	UE capable of receiving, displaying and storing of received Short Messages in the UE-/(U)SIM message store on CS mode.
16.1.7	SMS on CS mode / Test of the replace mechanism for SM type 1-7	R99	C33	UEs which support Replace Short Messages and display of received Short Messages on CS mode.
16.1.8	SMS on CS mode / Test of the reply path scheme	R99	C34	UEs which support reply procedures (the class of UEs for which this is mandatory is described in TS 23.040, annex 4) displaying of received Short Messages and submitting Short Messages on CS mode.
16.1.9.1	SMS on CS mode / Multiple SMS mobile originated / UE in idle mode	R99	C35	UE supporting the ability of sending multiple short messages on the same RR connection when there is no call in progress on CS mode.
16.1.9.2	SMS on CS mode / Multiple SMS mobile originated / UE in active mode	R99	C36	UE supporting the ability of sending concatenated multiple short messages when there is a call in progress on CS mode.
16.1.10	SMS on CS mode / Test of capabilities of simultaneously receiving a short message whilst sending a mobile originated short message	R99	C101	UE capable of receiving Short Message whilst sending Short Message on CS mode.
16.2.1	SMS on PS mode / SMS mobile terminated	R99	C26	UE capable of receiving Short Message at any time on PS mode.
16.2.2	SMS on PS mode / SMS mobile originated	R99	C27	UE capable of submitting Short Message at any time on PS mode.
16.2.3	SMS on PS mode / Test of memory full condition and memory available notification	R99	C28	UE capable of sending the correct acknowledgement of memory full condition in PS mode.
16.2.4	SMS on PS mode / Test of the status report capabilities and of SMS-COMMAND	R99	C29	UEs supporting the status report capabilities in PS mode.
16.2.5.1	Short message class 0	R99	C30	UE capable of displaying short messages in PS mode
16.2.5.2	SMS on PS mode / Test of class 1 short messages	R99	C31	UE capable of displaying short messages and storing of received Class 1 Short Messages in PS mode
16.2.5.3	SMS on PS mode / Test of class 2 short messages	R99	C32	UE capable of displaying short messages and storing of received Class 2 Short Messages in the SIM in PS mode.

Clause	Title	Release	Applicability	Comments
16.2.5.4	SMS on PS mode / Test of class 3 short messages	R99	[FFS]	[FFS]
16.2.6	SMS on PS mode / Test of short message type 0 (R99 and REL-4 UE) (???)	R99 <u>&amp;</u> <u>REL-4</u> <u>only</u>	[FFS]C26	UE capable of receiving Short Message on PS mode[FFS]
<u>16.2.6a</u>	SMS on PS mode / Test of short message type 0 (≥ REL-5 UE)	REL-5	<u>C48</u>	UE capable of receiving, displaying and storing of received Short  Messages in the UE-/(U)SIM message store on PS mode.
16.2.7	SMS on PS mode / Test of the replace mechanism for SM type 1-7	R99	C37	UEs which support Replace Short Messages and display of received Short Messages in PS mode.
16.2.8	SMS on PS mode / Test of the reply path scheme	R99	C38	UEs which support reply procedures (the class of UEs for which this is mandatory is described in TS 23.040, annex 4) displaying of received Short Messages and submitting Short Messages in PS mode.
16.2.10	SMS on PS mode / Test of capabilities of simultaneously receiving a short message whilst sending a mobile originated short message	R99	C102	UE capable of receiving Short Message whilst sending Short Message on PS mode.
16.3	Short message service cell broadcast	R99	C219	UE capable of receiving broadcast messages.
USER EQUIP	PMENT FEATURES		_	
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[…]				

C01 IF A.1/1 THEN R ELSE N/A C02 IF A.1/2 THEN R ELSE N/A […] C18 IF A.2/3 THEN R ELSE N/A (void)IF A.20/31 AND A.3/1 THEN R ELSE N/A C19 C20 IF A.2/4 THEN R ELSE N/A C21 IF A.20/8 AND A.3/1 THEN R ELSE N/A [...] C46 IF A.3/2 AND A.20/41 THEN R ELSE N/A C47 IF A.1/1 AND (A.18a/9 or A.18a/10) AND A.3/2 AND A.20/3 THEN R ELSE N/A C48 voidIF A.20/31 AND A.3/2 THEN R ELSE N/A C49 IF A.20/37 AND A.1/4 AND (A.1/2 OR A.1/3) THEN R ELSE N/A C50 […]  $[\ldots]$ 

**Table A.20: Additional information** 

Item	Additional information	Ref.	Release	Comments
1	At least one bearer service	22.002, 3	R99	
2	At least one supplementary service	22.004, 4	R99	
[]				
30	Support auto-calling more B-party numbers than the number of B-party numbers that can be stored in the list of blacklisted numbers	22.001, Annex E	R99	
31	VoidSupport of receiving, displaying and storing of received Short Messages in the UE-/(U)SIM message store	23.040, 9.2.3.9	REL-5	
32	Support of Follow On Proceed	24.008, 4.4.4.6	R99	
33	Support detach on power down		R99	
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[...]