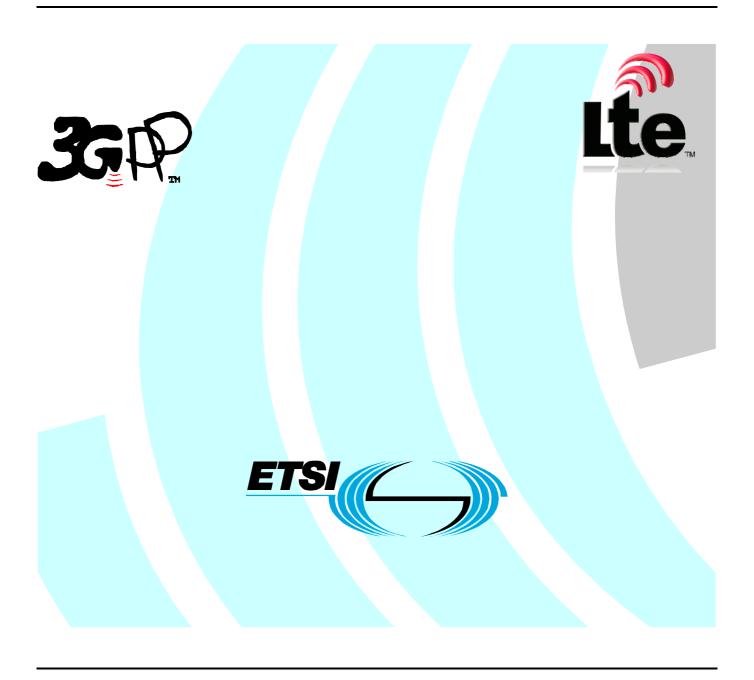
## ETSITS 136 521-2 V9.1.0 (2010-07)

Technical Specification

LTE;

Evolved Universal Terrestrial Radio Access (E-UTRA);
User Equipment (UE) conformance specification;
Radio transmission and reception;
Part 2: Implementation Conformance Statement (ICS)
(3GPP TS 36.521-2 version 9.1.0 Release 9)



# Reference RTS/TSGR-0536521-2v910 Keywords LTE

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### Introduction

The present document is part 2 of a multi-parts TS:

3GPP TS 36.521-1 [1]: Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) conformance specification Radio transmission and reception Part 1: Conformance testing.

3GPP TS 36.521-2: Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) conformance specification Radio transmission and reception Part :2 Implementation Conformance Statement (ICS).

3GPP TS 36.521-3 [2]: Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) conformance specification Radio transmission and reception Part 3: Radio Resource Management Conformance Testing.

## 1 Scope

The present document provides the Implementation Conformance Statement (ICS) proforma for 3G Evolved Universal Terrestrial Radio Access (E-UTRA) User Equipment (UE), in compliance with the relevant requirements, and in accordance with the relevant guidance given in ISO/IEC 9646-1 [3] and ISO/IEC 9646-7 [4]

The present document specifies the recommended applicability statement for the test cases included in 3GPP TS 36.521-1 [1] and 3GPP TS 36.521-3 [2]. These applicability statements are based on the features implemented in the LIF

Special conformance testing functions can be found in 3GPP TS 36.509 [5] and the common test environments are included in 3GPP TS 36.508 [6].

The present document is valid for UE implemented according to 3GPP releases starting from Release 8 up to the Release indicated on the cover page of the present document.

## 2 References

[10]

[11]

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.

the physical layer for E-UTRA".

Control (MAC) protocol specification".

- 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 8 UE, references to 3GPP documents are to version 8.x.y, when available.

Editor's Note: The Reference list is incomplete and some references are still to UMTS specs.

[1]	3GPP TS 36.521-1: "Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) conformance specification Radio transmission and reception Part 1: Conformance testing ".
[2]	3GPP TS 36.521-3: "Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) conformance specification Radio transmission and reception Part 3: Radio Resource Management Conformance Testing ".
[3]	ISO/IEC 9646-1: "Information technology - Open systems interconnection - Conformance testing methodology and framework - Part 1: General concepts".
[4]	ISO/IEC 9646-7: "Information technology - Open systems interconnection - Conformance testing methodology and framework - Part 7: Implementation Conformance Statements".
[5]	3GPP TS 36.509: " Evolved Universal Terrestrial Radio Access (E-UTRA); Special conformance testing functions for User Equipment ".
[6]	3GPP TS 36.508: "Evolved Universal Terrestrial Radio Access (E-UTRA); Common Test Environments for User Equipment (UE) Conformance Testing".
[8]	3GPP TR 21.905: "Vocabulary for 3GPP Specifications".
[9]	3GPP TS 36.201: " LTE Physical Layer - General Description"

3GPP TS 36.302: " Evolved Universal Terrestrial Radio Access (E-UTRA); Services provided by

3GPP TS 36.321: "Evolved Universal Terrestrial Radio Access (E-UTRA); Medium Access

[12]	3GPP TS 36.322: "Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Link Control (RLC) protocol specification".
[13]	3GPP TS 36.323: "Evolved Universal Terrestrial Radio Access (E-UTRA); Packet Data Convergence Protocol (PDCP) specification".
[14]	3GPP TS 36.331: "Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Resource Control (RRC) Protocol Specification".[15] 3GPP TS 24.301: "Non-Access-Stratum (NAS) protocol for Evolved Packet System (EPS); Stage 3"

## 3 Definitions, symbols and abbreviations

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

- such given in TR 21.905 [8]
- such given in ISO/IEC 9646-1 [3] and ISO/IEC 9646-7 [4]

NOTE: Some terms and abbreviations defined in [3] and [4] are explicitly included below with small modification to reflect the terminology used in 3GPP.

#### 3.1 Definitions

**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

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

**Implementation eXtra Information for Testing (IXIT):** A statement made by a supplier or implementer of an UEUT which contains or references all of the information (in addition to that given in the ICS) related to the UEUT and its testing environment, which will enable the test laboratory to run an appropriate test suite against the UEUT

**IXIT proforma:** A document, in the form of a questionnaire, which when completed for an UEUT becomes an IXIT

**Protocol Implementation Conformance Statement (PICS):** An ICS for an implementation or system claimed to conform to a given protocol specification

**Protocol Implementation eXtra Information for Testing (PIXIT):** An IXIT related to testing for conformance to a given protocol specification

**static conformance review**: A review of the extent to which the static conformance requirements are claimed to be supported by the UEUT, by comparing the answers in the ICS(s) with the static conformance requirements expressed in the relevant specification(s)

## 3.2 Symbols

No specific symbols have been identified so far.

#### 3.3 Abbreviations

For the purposes of the present document, the abbreviations given in TR 21.905 [1] and the following apply. An abbreviation defined in the present document takes precedence over the definition of the same abbreviation, if any, in TR 21.905 [8].

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

ICS	Implementation Conformance Statement
IXIT	Implementation eXtra Information for Testing
PICS	Protocol Implementation Conformance Statement

PIXIT Protocol Implementation eXtra Information for Testing

RRM Radio Resource Management SCS System Conformance Statement

TC Test Case

UEUT User Equipment Under Test

## 4 Recommended test case applicability

The applicability of each individual test is identified in the tables 4.1-1 or 4.2-1. 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.

Additional information related to the Test Case (TC), e.g. affecting its dynamic behaviour or its execution may be provided as well

The columns in tables 4.1-1/4.2-1 have the following meaning:

#### Clause

The clause column indicates the clause number in TS 36.521-1 [1] or respectively TS 36.521-3 [2] that contains the test body.

#### Title

The title column describes the name of the test and contains the clause title of the clause in TS 36.521-1 [1] or TS 36.521-3 [2] that contains the test body.

#### Release

The release column indicates the earliest release from which each test case is applicable.

#### Applicability - Condition

The following notations are used for the applicability column:

R recommended - the test case is recommended to all terminals supporting E-UTRA

O optional – the test case is optional

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...) ELSE ..." is used to avoid ambiguities.

#### Applicability - Comments

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

#### Additional Information

This column contains indication if the test case may perform differently depending on the UE capabilities.

NOTE To meet the validation requirements from certification bodies then there is a need to uniquely reference the FDD and TDD branch (i.e. different behaviour within one and the same TC) of common FDD and TDD test cases. The FDD and TDD branches of common FDD and TDD test cases can be referenced by amending a "FDD" or "TDD" suffix to the test case clause number. For example for test case 6.2.2 the FDD and TDD branches can be identified by "6.2.2 FDD" and "6.2.2 TDD".

## 4.1 RF conformance test cases

Table 4.1-1: Applicability of RF conformance test cases, ref. TS 36.521-1 [1]

Clause	Title	Release		Applicability	Additional Information
			Condition	Comments	
Transmite	er Characteristics		•		
6.2.2	Maximum Output Power	Rel-8	R	UE supporting E-UTRA	FDD
	·				TDD
6.2.3	Maximum Power Reduction (MPR)	Rel-8	R	UE supporting E-UTRA	FDD
					TDD
6.2.4	Additional Maximum Power Reduction (A-MPR)	Rel-8	R	UE supporting E-UTRA	FDD
0.0.4					TDD
6.3.1 6.3.2	void	Dalo		UE supporting E-UTRA	FDD
	Minimum Output Power	Rel-8	R		FDD TDD
6.3.3	Transmit OFF Power	Rel-8	R	UE supporting E-UTRA	FDD
					TDD
6.3.4.1	General ON/OFF time mask	Rel-8	R	UE supporting E-UTRA	FDD
					TDD
6.3.4.2	PRACH and SRS time mask	Rel-8	R	UE supporting E-UTRA	FDD
					TDD
6.3.5.1	Power Control Absolute Power Tolerance	Rel-8	R	UE supporting E-UTRA	FDD
					TDD
6.3.5.2	Power Control Relative Power Tolerance	Rel-8	R	UE supporting E-UTRA	FDD
					TDD
6.3.5.3	Aggregate Power Control Tolerance	Rel-8	R	UE supporting E-UTRA	FDD
					TDD
6.5.1	Frequency Error	Rel-8	R	UE supporting E-UTRA	FDD
	. ,				TDD
6.5.2.1	Error Vector Magnitude (EVM)	Rel-8	R	UE supporting E-UTRA	FDD
				"	TDD
6.5.2.2	IQ-component	Rel-8	R	UE supporting E-UTRA	FDD
				"	TDD
6.5.2.3	In-band emissions for non allocated RB	Rel-8	R	UE supporting E-UTRA	FDD
					TDD
6.5.2.4	Spectrum flatness	Rel-8	R	UE supporting E-UTRA	FDD
					TDD
6.6.1	Occupied bandwidth	Rel-8	R	UE supporting E-UTRA	FDD
					TDD
6.6.2.1	Spectrum Emission Mask	Rel-8	R	UE supporting E-UTRA	FDD
					TDD
6.6.2.2	Additional Spectrum Emission Mask	Rel-8	R	UE supporting E-UTRA	FDD
			<u>                                      </u>		TDD
6.6.2.3	Adjacent Channel Leakage power Ratio	Rel-8	R	UE supporting E-UTRA	FDD
			<u>                                      </u>		TDD
6.6.2.4	Additional ACLR requirements	Rel-8	R	UE supporting E-UTRA	FDD
			1		TDD
6.6.3.1	Transmitter Spurious emissions	Rel-8	R	UE supporting E-UTRA	FDD
	,		1	0	TDD
6.6.3.2	Spurious emission band UE co- existence	Rel-8	R	UE supporting E-UTRA	FDD
			1	UE supporting E-UTRA	TDD
6.6.3.3	Additional spurious emissions	Rel-8	R	UE supporting E-UTRA	FDD
-	,		1		TDD
Receiver	Characteristics		•	•	

Clause	Title	Release		Applicability	Additional Information
			Condition	Comments	Illioilliation
7.3	Reference sensitivity level	Rel-8	R	UE supporting E-UTRA	FDD
	•				TDD
7.4	Maximum input level	Rel-8	R	UE supporting E-UTRA	FDD
					TDD
7.5	Adjacent Channel Selectivity	Rel-8	R	UE supporting E-UTRA	FDD
	(ACS)				TDD
7.6.1	In-band blocking	Rel-8	R	UE supporting E-UTRA	FDD
7.0.1	in-band blocking	IXEI-0	I N	OL Supporting L-OTIVA	TDD
7.6.2	Out of-band blocking	Rel-8	R	UE supporting E-UTRA	FDD
-	3				TDD
7.6.3	Narrow band blocking	Rel-8	R	UE supporting E-UTRA	FDD
					TDD
7.7	Spurious response	Rel-8	R	UE supporting E-UTRA	FDD
		5.16			TDD
7.8.1	Wide band Intermodulation	Rel-8	R	UE supporting E-UTRA	FDD
7.9	Caurious emissions	Rel-8	R	UE supporting E-UTRA	TDD FDD
7.9	Spurious emissions	Rei-o	K	DE supporting E-OTRA	TDD
Performan	nce Requirement				ן וטט
8.2.1.1.1	FDD PDSCH Single Antenna Port	Rel-8	C01	UE supporting E-UTRA FDD	
	Performance				
8.2.1.1.2	FDD PDSCH Single Antenna Port	Rel-8	C01	UE supporting E-UTRA FDD	
	Performance with 1PRB				
8.2.1.2.1	FDD PDSCH Transmit Diversity	Rel-8	C01	UE supporting E-UTRA FDD	
0.04.00	2x2	Dalo	004	LIE average time E LITDA EDD	
8.2.1.2.2	FDD PDSCH Transmit Diversity 4x2	Rel-8	C01	UE supporting E-UTRA FDD	
8.2.1.3.1	FDD PDSCH Open Loop Spatial	Rel-8	C01	UE supporting E-UTRA FDD	
0.2.1.0.1	Multiplexing 2x2	11010	001	OE supporting E OTTO (T DD	
8.2.1.3.2	FDD PDSCH Open Loop Spatial	Rel-8	C01	UE supporting E-UTRA FDD	
	Multiplexing 4x2				
8.2.1.4.1	FDD PDSCH Closed Loop	Rel-8	C01	UE supporting E-UTRA FDD	
	Single/Multi Layer Spatial				
00110	Multiplexing 2x2	D 10	004		
8.2.1.4.2	FDD PDSCH Closed Loop Single/Multi Layer Spatial	Rel-8	C01	UE supporting E-UTRA FDD	
	Multiplexing 4x2				
8.2.2.1	TDD PDSCH Single Antenna Port	Rel-8	C02	UE supporting E-UTRA TDD	
	Performance (Cell-Specific				
	Reference Symbols)				
8.2.2.2	TDD PDSCH Transmit Diversity	Rel-8	C02	UE supporting E-UTRA TDD	
	Performance (Cell-Specific				
8.2.2.3	Reference Symbols) TDD PDSCH Open Loop Spatial	Rel-8	C02	UE supporting E-UTRA TDD	
0.2.2.3	Multiplexing Performance (Cell-	Kel-o	C02	DE Supporting E-OTRA TDD	
	Specific Reference Symbols)				
8.2.2.4	TDD PDSCH Closed Loop	Rel-8	C02	UE supporting E-UTRA TDD	
	Spatial Multiplexing Performance				
	(Cell-Specific Reference				
0.0.0.5	Symbols)	Dalo	000	LIE average time E LITOA TOD	
8.2.2.5	TDD PDSCH Performance (UE- Specific Reference Symbols)	Rel-8	C02	UE supporting E-UTRA TDD	
8.3	Demodulation of PDSCH (User-	Rel-8	FFS	FFS	
5.0	Specific Reference Symbols)	11010	'''		
8.4.1.1	FDD PCFICH/PDCCH Single-	Rel-8	C01	UE supporting E-UTRA FDD	
	antenna Port Performance				
8.4.1.2	FDD PCFICH/PDCCH Transmit	Rel-8	C01	UE supporting E-UTRA FDD	
0.40.4	Diversity Performance	D	000	LIE E LIED A TOTAL	
8.4.2.1	TDD PCFICH/PDCCH Single-	Rel-8	C02	UE supporting E-UTRA TDD	
8.4.2.2	antenna Port Performance TDD PCFICH/PDCCH Transmit	Rel-8	C02	UE supporting E-UTRA TDD	
J.7.L.L	Diversity Performance	1701-0	002	OL Supporting L-OTRATION	
8.5.1.1	FDD PHICH Single-antenna Port	Rel-8	C01	UE supporting E-UTRA FDD	
	Performance				
8.5.1.2	FDD PHICH Transmit Diversity	Rel-8	C01	UE supporting E-UTRA FDD	
	Performance				
	TDD PHICH Single-antenna Port	Rel-8	C02	UE supporting E-UTRA TDD	
8.5.2.1					
	Performance	Dalo	000	LIE gupportie e E LIEDA EDO	
8.5.2.1 8.5.2.2		Rel-8	C02	UE supporting E-UTRA TDD	

Clause	Title	Release		Additional Information	
	!		Condition	Comments	
9.2.1.1	FDD CQI Reporting under AWGN conditions – PUCCH 1-0	Rel-8	C01	UE supporting E-UTRA FDD	
9.2.1.2	TDD CQI Reporting under AWGN conditions – PUCCH 1-0	Rel-8	C02	UE supporting E-UTRA TDD	
9.2.2.1	FDD CQI Reporting under AWGN conditions – PUCCH 1-1	Rel-8	C01	UE supporting E-UTRA FDD	
9.2.2.2	TDD CQI Reporting under AWGN conditions – PUCCH 1-1	Rel-8	C02	UE supporting E-UTRA TDD	
9.3.1.1.1	FDD CQI Reporting under fading conditions – PUSCH 3-0	Rel-8	C01	UE supporting E-UTRA FDD	
9.3.1.1.2	TDD CQI Reporting under fading conditions – PUSCH 3-0	Rel-8	C02	UE supporting E-UTRA TDD	
9.3.2.1.1	FDD CQI Reporting under fading conditions – PUCCH 1-0	Rel-8	C01	UE supporting E-UTRA FDD	
9.3.2.1.2	TDD CQI Reporting under fading conditions – PUCCH 1-0	Rel-8	C02	UE supporting E-UTRA TDD	
9.3.3.1.1	FDD CQI Reporting under fading conditions and frequency-selective interference – PUSCH 3-0	Rel-8	C01	UE supporting E-UTRA FDD	
9.3.3.1.2	TDD CQI Reporting under fading conditions and frequency-selective interference – PUSCH 3-0	Rel-8	C02	UE supporting E-UTRA TDD	
9.4.1.1.1	FDD PMI Reporting – PUSCH 3- 1 (Single PMI)	Rel-8	C01	UE supporting E-UTRA FDD	
9.4.1.1.2	TDD PMI Reporting – PUSCH 3- 1 (Single PMI)	Rel-8	C02	UE supporting E-UTRA TDD	
9.4.2.1.1	FDD PMI Reporting – PUSCH 1- 2 (Multiple PMI)	Rel-8	C01	UE supporting E-UTRA FDD	
9.4.2.1.2	TDD PMI Reporting – PUSCH 1- 2 (Multiple PMI)	Rel-8	C02	UE supporting E-UTRA TDD	
9.5.1.1	FDD RI Reporting-PUCCH 1-1	Rel-8	C01	UE supporting E-UTRA FDD	
9.5.1.2	TDD RI Reporting-PUCCH 1-1	Rel-8	C02	UE supporting E-UTRA TDD	

Table 4.1-1a: Applicability of RF conformance test cases Conditions

C01	IF A.4.1-1/1 THEN R ELSE N/A
C02	IF A.4.1-1/2 THEN R ELSE N/A

## 4.2 RRM conformance test cases

Table 4.2-1: Applicability of RRM conformance test cases, ref. TS 36.521-3 [2]

Clause	Title	Release	Applicability		Additional Information
			Condition	Comments	
	RRC_IDLE State Mobility				_
4.2.1	E-UTRAN FDD – FDD cell re-selection intra frequency case	Rel-8	C01	UE supporting E-UTRA FDD	
4.2.2	E-UTRAN TDD – TDD cell re-selection intra frequency case	Rel-8	C02	UE supporting E-UTRA TDD	
4.2.3	E-UTRAN FDD – FDD cell re-selection inter frequency case	Rel-8	C01	UE supporting E-UTRA FDD	
4.2.4	E-UTRAN FDD – TDD cell re-selection inter frequency case	Rel-8	C03	UE supporting E-UTRA FDD and E-UTRA TDD	
4.2.5	E-UTRAN TDD – FDD cell re-selection inter frequency case	Rel-8	C03	UE supporting E-UTRA FDD and E-UTRA TDD	
4.2.6	E-UTRAN TDD – TDD cell re-selection inter frequency case	Rel-8	C02	UE supporting E-UTRA TDD	
4.3.1.1	E-UTRA FDD – UTRAN FDD cell re- selection	Rel-8	C04	UE supporting E-UTRA FDD and UTRA FDD	
4.3.1.2	E-UTRA FDD – UTRAN FDD cell re- selection: UTRA FDD is of lower priority	Rel-8	C04	UE supporting E-UTRA FDD and UTRA FDD	
4.3.1.3	E-UTRAN FDD – UTRAN FDD cell re- selection in fading propagation conditions: UTRA FDD is of lower priority	Rel-8	C04	UE supporting E-UTRA FDD and UTRA FDD	
4.3.2	E-UTRAN FDD – UTRAN TDD cell re- selection	Rel-8	C06	UE supporting E-UTRA FDD and UTRA TDD	
4.3.3	E-UTRAN TDD – UTRAN FDD cell re- selection	Rel-8	C07	UE supporting E-UTRA TDD and UTRA FDD	
4.3.4.1	E-UTRA TDD – UTRAN TDD cell re- selection	Rel-8	C05	UE supporting E-UTRA TDD and UTRA TDD	
4.3.4.2	E-UTRAN TDD – UTRAN TDD cell re- selection: UTRA is of lower priority	Rel-8	C05	UE supporting E-UTRA TDD and UTRA TDD	
4.4.1	E-UTRAN FDD – GSM cell re- selection	Rel-8	C08	UE supporting E-UTRA FDD and GSM	
4.4.2	E-UTRAN TDD – GSM cell re- selection	Rel-8	C09	UE supporting E-UTRA TDD and GSM	
4.5.1.1	E-UTRAN FDD – HRPD Cell re- selection: HRPD is of lower priority	Rel-8	C10	UE supporting E-UTRA FDD and cdma2000 HRPD	
4.6.1.1	E-UTRAN FDD – cdma2000 1xRTT Cell re-selection: cdma2000 1x is of lower priority	Rel-8	C11	UE supporting E-UTRA FDD and cdma2000 1xRTT	
	RRC_CONNECTED State Mobility				
5.1.1	E-UTRAN FDD-FDD Handover intra frequency case	Rel-8	C01	UE supporting E-UTRA FDD	
5.1.2	E-UTRAN TDD-TDD Handover intra frequency case	Rel-8	C02	UE supporting E-UTRA TDD	
5.1.3	E-UTRAN FDD-FDD Handover inter frequency case	Rel-8	C01a	UE supporting E-UTRA FDD and Feature Group Indicator 13 and Feature Group Indicator 25	
5.1.4	E-UTRAN TDD-TDD Handover inter frequency case	Rel-8	C02a	UE supporting E-UTRA TDD and Feature Group Indicator 13 and Feature Group Indicator 25	
5.1.5	E-UTRAN FDD – FDD inter frequency handover: unknown target cell	Rel-8	C01a	UE supporting E-UTRA FDD and Feature Group Indicator 13 and Feature Group Indicator 25	
5.2.1	E-UTRAN FDD – UTRAN FDD handover	Rel-8	C04a	UE supporting E-UTRA FDD and UTRA FDD and Feature Group Indicator 8 and Feature Group Indicator 22	
5.2.2	E-UTRAN TDD – UTRAN FDD handover	Rel-8	C07a	UE supporting E-UTRA TDD and UTRA FDD and Feature Group Indicator 8 and Feature Group Indicator 22	
5.2.3	E-UTRAN FDD – GSM handover	Rel-8	C08a	UE supporting E-UTRA FDD and GSM and Feature Group Indicator 9 and Feature Group Indicator 23	

Clause	Title	Release	Applicability		Additional Information
			Condition	Comments	
5.2.4	E-UTRAN TDD – UTRAN TDD handover	Rel-8	C05a	UE supporting E-UTRA TDD and UTRA TDD and Feature Group Indicator 8 and Feature Group Indicator 22	
5.2.5	E-UTRAN FDD – UTRAN TDD handover	Rel-8	C06a	UE supporting E-UTRA FDD and UTRA TDD and Feature Group Indicator 8 and Feature Group Indicator 22	
5.2.7	E-UTRAN FDD – UTRAN FDD handover: unknown target cell	Rel-8	C04a	UE supporting E-UTRA FDD and UTRA FDD and Feature Group Indicator 8 and Feature Group Indicator 22	
5.2.8	E-UTRAN FDD – GSM handover: unknown target cell	Rel-8	C08a	UE supporting E-UTRA FDD and GSM and Feature Group Indicator 9 and Feature Group Indicator 23	
5.3.1	E-UTRAN FDD – HRPD Handover	Rel-8	C10a	UE supporting E-UTRA FDD and cdma2000 HRPD and Feature Group Indicator 12 and Feature Group Indicator 26	
5.3.2	E-UTRAN FDD – cdma2000 1xRTT Handover	Rel-8	C11a	UE supporting E-UTRA FDD and cdma2000 1xRTT and Feature Group Indicator 11 and Feature Group Indicator 24	
	ection Mobility Control	Duto	004	LUE companies E LUEDA EDD	T
6.1.1	RRC Re-establishment to E-UTRAN  E-UTRAN FDD – Contention Based Random Access Test	Rel-8 Rel-8	C01 C01	UE supporting E-UTRA FDD UE supporting E-UTRA FDD	
6.2.2	E-UTRAN FDD – Non-Contention Based Random Access Test d Signalling Characteristics	Rel-8	C01	UE supporting E-UTRA FDD	
7.1.1	E-UTRAN FDD – UE Transmit Timing Accuracy	Rel-8	C01	UE supporting E-UTRA FDD	
7.1.2	E-UTRAN TDD – UE Transmit Timing Accuracy	Rel-8	C02	UE supporting E-UTRA TDD	
7.2.1	E-UTRAN FDD – UE Timing Advance Adjustment Accuracy	Rel-8	C01	UE supporting E-UTRA FDD	
7.2.2	E-UTRAN TDD – UE Timing Advance Adjustment Accuracy	Rel-8	C02	UE supporting E-UTRA TDD	
7.3.1	E-UTRAN FDD Radio Link Monitoring Test for Out-of-Sync	Rel-8	C01	UE supporting E-UTRA FDD	
7.3.2	E-UTRAN FDD Radio Link Monitoring Test for In-Sync	Rel-8	C01	UE supporting E-UTRA FDD	
7.3.3	E-UTRAN TDD Radio Link Monitoring Test for Out-of-Sync	Rel-8	C02	UE supporting E-UTRA TDD	
7.3.4	E-UTRAN TDD Radio Link Monitoring Test for In-Sync	Rel-8	C02	UE supporting E-UTRA TDD	
7.3.5	E-UTRAN FDD Radio Link Monitoring Test for Out-of-sync in DRX	Rel-8 Rel-8	C01	UE supporting E-UTRA FDD	
7.3.6	E-UTRAN FDD Radio Link Monitoring Test for In-sync in DRX E-UTRAN TDD Radio Link Monitoring		C01	UE supporting E-UTRA FDD  UE supporting E-UTRA TDD	
	Test for Out-of-sync in DRX  E-UTRAN TDD Radio Link Monitoring	Rel-8	C02		
7.3.8	Test for In-sync in DRX	Rel-8	C02	UE supporting E-UTRA TDD	
8.1.1	rements Procedures  E-UTRAN FDD-FDD intra-frequency event triggered reporting under fading propagation conditions in asynchronous cells	Rel-8	C01	UE supporting E-UTRA FDD	
8.1.2	E-UTRAN FDD-FDD intra-frequency event triggered reporting under fading propagation conditions in synchronous cells	Rel-8	C01	UE supporting E-UTRA FDD	
8.1.3	E-UTRAN FDD-FDD intra-frequency event triggered reporting under fading propagation conditions in synchronous cells with DRX	Rel-8	C01	UE supporting E-UTRA FDD	
8.1.4	E-UTRAN FDD-FDD Intra-frequency event triggered reporting under AWGN propagation conditions in asynchronous cells with DRX when L3 filtering is used	Rel-8	C01	UE supporting E-UTRA FDD	

Clause	Title	Release		Applicability	
			Condition	Comments	Information
8.2.1	E-UTRAN TDD-TDD intra-frequency event triggered reporting under fading propagation conditions in synchronous cells	Rel-8	C02	UE supporting E-UTRA TDD	
8.2.2	E-UTRAN TDD-TDD intra-frequency event triggered reporting under fading propagation conditions in synchronous cells with DRX	Rel-8	C02	UE supporting E-UTRA TDD	
8.3.1	E-UTRAN FDD-FDD inter-frequency event triggered reporting under fading propagation conditions in asynchronous cells	Rel-8	C01b	UE supporting E-UTRA FDD and Feature Group Indicator 25	
8.3.2	E-UTRAN FDD-FDD inter-frequency event triggered reporting when DRX is used under fading propagation conditions in asynchronous cells	Rel-8	C01b	UE supporting E-UTRA FDD and Feature Group Indicator 25	
8.4.1	E-UTRAN TDD-TDD inter-frequency event triggered reporting under fading propagation conditions in synchronous cells	Rel-8	C02b	UE supporting E-UTRA TDD and Feature Group Indicator 25	
8.4.2	E-UTRAN TDD-TDD inter-frequency event triggered reporting when DRX is used under fading propagation conditions in synchronous cells	Rel-8	C02a	UE supporting E-UTRA TDD and Feature Group Indicator 25	
8.5.1	E-UTRAN FDD-UTRAN FDD event triggered reporting under fading propagation conditions	Rel-8	C04b	UE supporting E-UTRA FDD and UTRA FDD and Feature Group Indicator 22	
8.5.2	E-UTRAN FDD-UTRAN FDD SON ANR cell search reporting under AWGN propagation conditions	Rel-8	C04b	UE supporting E-UTRA FDD and UTRA FDD and Feature Group Indicator 22	
8.5.3	E-UTRAN FDD – UTRAN FDD event triggered reporting when DRX is used under fading propagation conditions	Rel-8	C04b	UE supporting E-UTRA FDD and UTRA FDD and Feature Group Indicator 22	
8.6.1	E-UTRAN TDD-UTRAN FDD event triggered reporting under fading propagation conditions	Rel-8	C07b	UE supporting E-UTRA TDD and UTRA FDD and Feature Group Indicator 22	
8.7.1	E-UTRAN TDD-UTRAN TDD cell search under fading propagation conditions	Rel-8	C05b	UE supporting E-UTRA TDD and UTRA TDD and Feature Group Indicator 22	
8.8.1	E-UTRAN FDD-GSM event triggered reporting in AWGN	Rel-8	C08b	UE supporting E-UTRA FDD and GSM and Feature Group Indicator 23	
8.8.2	E-UTRAN FDD – GSM event triggered reporting when DRX is used in AWGN	Rel-8	C08b	UE supporting E-UTRA FDD and GSM and Feature Group Indicator 23	
8.9.1	E-UTRAN FDD-UTRAN TDD event triggered reporting in fading propagation conditions	Rel-8	C06b	UE supporting E-UTRA FDD and UTRA TDD and Feature Group Indicator 22	
8.10.1	E-UTRAN TDD-GSM event triggered reporting in AWGN	Rel-8	C09a	UE supporting E-UTRA TDD and GSM and Feature Group Indicator 23	
9.1.1.1	ent Performance Requirements  FDD Intra Frequency Absolute RSRP Accuracy	Rel-8	C01	UE supporting E-UTRA FDD	
9.1.1.2	FDD Intra Frequency Relative Accuracy of RSRP	Rel-8	C01	UE supporting E-UTRA FDD	
9.1.2.1	TDD Intra Frequency Absolute RSRP Accuracy	Rel-8	C02	UE supporting E-UTRA TDD	
9.1.2.2	TDD Intra Frequency Relative Accuracy of RSRP	Rel-8	C02	UE supporting E-UTRA TDD	
9.1.3.1	FDD – FDD Inter Frequency Absolute RSRP Accuracy FDD – FDD Inter Frequency Relative	Rel-8 Rel-8	C01	UE supporting E-UTRA FDD  UE supporting E-UTRA FDD	
9.1.3.2	Accuracy of RSRP  TDD – TDD Inter Frequency Absolute	Rel-8	C02	UE supporting E-UTRA TDD	
9.1.4.2	RSRP Accuracy TDD – TDD Inter Frequency Relative	Rel-8	C02	UE supporting E-UTRA TDD	
9.2.1.1	Accuracy of RSRP  FDD Intra Frequency Absolute RSRQ	Rel-8	C01	UE supporting E-UTRA FDD	
9.2.2.1	Accuracy TDD Intra Frequency Absolute RSRQ Accuracy	Rel-8	C02	UE supporting E-UTRA TDD	

Clause	Title	Release		Applicability	
			Condition	Comments	Information
9.2.3.1	FDD – FDD Inter Frequency Absolute RSRQ Accuracy	Rel-8	C01	UE supporting E-UTRA FDD	
9.2.3.2	FDD – FDD Inter Frequency Relative Accuracy of RSRQ	Rel-8	C01	UE supporting E-UTRA FDD	
9.2.4.1	TDD – TDD Inter Frequency Absolute RSRQ Accuracy	Rel-8	C02	UE supporting E-UTRA TDD	
9.2.4.2	TDD –TDD Inter Frequency Relative Accuracy of RSRQ	Rel-8	C02	UE supporting E-UTRA TDD	

Table 4.2-1a: Applicability of RRM conformance test cases Conditions

C01 IF A.4.1-1/1 THEN R ELSE N/A
C01a IF (A.4.1-1/1 AND A.4.4-1/13 AND A.4.4-1/25) THEN R ELSE N/A
C01b IF (A.4.1-1/1 AND A.4.4-1/25) THEN R ELSE N/A
C02 IF A.4.1-1/2 THEN R ELSE N/A
C02a IF (A.4.1-1/2 AND A.4.4-1/13 AND A.4.4-1/25) THEN R ELSE N/A
C02b IF (A.4.1-1/2 AND A.4.4-1/25) THEN R ELSE N/A
C03 IF (A.4.1-1/1 AND A.4.1-1/2) THEN R ELSE N/A
C04 IF (A.4.1-1/1 AND A.4.1-1/3) THEN R ELSE N/A
C04a IF (A.4.1-1/1 AND A.4.1-1/3 AND A.4.4-1/8 AND A.4.4-1/22) THEN R ELSE N/A
C04b IF (A.4.1-1/1 AND A.4.1-1/3 AND A.4.4-1/22) THEN R ELSE N/A
C05 IF (A.4.1-1/2 AND A.4.1-1/4) THEN R ELSE N/A
C05a IF (A.4.1-1/2 AND A.4.1-1/4 AND A.4.4-1/9 AND A.4.4-1/25) THEN R ELSE N/A
C05b IF (A.4.1-1/2 AND A.4.1-1/4 AND A.4.4-1/25) THEN R ELSE N/A
C06 IF (A.4.1-1/1 AND A.4.1-1/4) THEN R ELSE N/A
C06a IF (A.4.1-1/1 AND A.4.1-1/4 AND A.4.4-1/11 AND A.4.4-1/22) THEN R ELSE N/A
C06b IF (A.4.1-1/1 AND A.4.1-1/4 AND A.4.4-1/22) THEN R ELSE N/A
C07 IF (A.4.1-1/2 AND A.4.1-1/3) THEN R ELSE N/A
C07a IF (A.4.1-1/2 AND A.4.1-1/3 AND A.4.4-1/8 AND A.4.4-1/22) THEN R ELSE N/A
C07b IF (A.4.1-1/2 AND A.4.1-1/3 AND A.4.4-1/22) THEN R ELSE N/A
C08 IF (A.4.1-1/1 AND A.4.1-1/5) THEN R ELSE N/A
C08a IF (A.4.1-1/1 AND A.4.1-1/5 AND A.4.4-1/9 AND A.4.4-1/23) THEN R ELSE N/A
C08b IF (A.4.1-1/1 AND A.4.1-1/5 AND A.4.4-1/23) THEN R ELSE N/A
C09 IF (A.4.1-1/2 AND A.4.1-1/5) THEN R ELSE N/A
C09a IF (A.4.1-1/2 AND A.4.1-1/5 AND A.4.4-1/23) THEN R ELSE N/A
C10 IF (A.4.1-1/1 AND A.4.1-1/6) THEN R ELSE N/A
C10a IF (A.4.1-1/1 AND A.4.1-1/6 AND A.4.4-1/12 AND A.4.4-1/26) THEN R ELSE N/A
C11 IF (A.4.1-1/1 AND A.4.1-1/7) THEN R ELSE N/A
C11a IF (A.4.1-1/1 AND A.4.1-1/7 AND A.4.4-1/11 AND A.4.4-1/24) THEN R ELSE N/A

## Annex A (normative): ICS proforma for E-UTRA User Equipment

Notwithstanding the provisions of the copyright related to the text of the present document, The Organizational Partners of 3GPP grant 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 [4].

#### 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.4.1-1/2 is the reference to the answer of item 2 in table A.4.1-1.

### 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.

	Date of the statement
A.2.2 UEUT name	User Equipment Under Test (UEUT) identification
Hardware co	nfiguration:
Software con	figuration:

A.2.3	Product supplier
Name:	

Address:
Telephone number:
Facsimile number:
E-mail address:
Additional information:
A.2.4 Client
Name:
Address:
Telephone number:
The state of the s
Facsimile number:
E-mail address:
E-man address.

Additional i	nformation:
A.2.5 Name:	ICS contact person
Telephone n	number:
Facsimile m	umber:
E-mail addre	ess:
Additional i	nformation:

## 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

Editor's Note: This clause is not completed

## A.4.1 UE Implementation Types

Table A.4.1-1: UE Radio Technologies

Item	UE Radio Technologies	Ref.	Release	Comments
1	E-UTRA FDD	36.101	Rel-8	
2	E-UTRA TDD	36.101	Rel-8	
3	UTRA FDD	25.101	Rel-8	
4	UTRA TDD	25.102	FFS	
5	GSM	45.005	Rel-8	
6	cdma2000 HRPD	FFS	FFS	
7	cdma2000 1xRTT	FFS	FFS	

## A.4.2 UE Service Capabilities

Table A.4.2-1: UE Radio Technologies

Item	UE Radio Technologies	Ref.	Release	Comments
1	FFS			

## A.4.3 Baseline Implementation Capabilities

Table A.4.3-1: Supported protocols

Item	Supported protocols	Ref.	Release	Comments
1	EPS Mobility Management	24.301	Rel-8	
2	EPS Session Management	24.301	Rel-8	
3	GPRS Mobility Management	FFS	Rel-8	
4	Radio Resource Control	36.331	Rel-8	
5	Packet Data Convergence Protocol	36.323	Rel-8	
6	Radio Link Control	36.322	Rel-8	
7	Medium Access Control	36.321	Rel-8	
8	Physical Layer	36.201,	Rel-8	
		36.302		

**Table A.4.3-2: Special Conformance Testing Functions** 

Iten	Special Conformance Testing Functions	Ref.	Release	Comments
1	UE test loop	36.509	Rel-8	
2	Max UE test loop UL RLC SDU size 65535 bits	36.509	Rel-8	

Table A.4.3-3: RF Baseline Implementation Capabilities

Item	RF Baseline Implementation Capabilities	Ref.	Release	Comments
1	Frequency band: 1920-1980, 2110-2170 MHz	36.101, 5.5	Rel-8	FDD Band 1
2	Frequency band: 1850-1910, 1930-1990 MHz	36.101, 5.5	Rel-8	FDD Band 2
3	Frequency band: 1710-1785, 1805-1880 MHz	36.101, 5.5	Rel-8	FDD Band 3
4	Frequency band: 1710-1755, 2110-2155 MHz	36.101, 5.5	Rel-8	FDD Band 4
5	Frequency band: 824-849, 869-894 MHz	36.101, 5.5	Rel-8	FDD Band 5
6	Frequency band: 830-840, 875-885 MHz	36.101, 5.5	Rel-8	FDD Band 6
7	Frequency band: 2500-2570, 2620-2690 MHz	36.101, 5.5	Rel-8	FDD Band 7
8	Frequency band: 880-915, 925-960 MHz	36.101, 5.5	Rel-8	FDD Band 8
9	Frequency band: 1749.9-1784.9, 1844.9-1879.9 MHz	36.101, 5.5	Rel-8	FDD Band 9
10	Frequency band: 1710-1770, 2110-2170 MHz	36.101, 5.5	Rel-8	FDD Band 10
11	Frequency band: 1427.9-1447.9, 1475.9-1495.9 MHz	36.101, 5.5	Rel-8	FDD Band 11
12	Frequency band: 698-716, 728-746 MHz	36.101, 5.5	Rel-8	FDD Band 12
13	Frequency band: 777-787, 746-756 MHz	36.101, 5.5	Rel-8	FDD Band 13
14	Frequency band: 788-798, 758-768 MHz	36.101, 5.5	Rel-8	FDD Band 14
15	Reserved	36.101, 5.5	Rel-8	FDD Band 15
16	Reserved	36.101, 5.5	Rel-8	FDD Band16
17	Frequency band: 704-716, 734-746 MHz	36.101, 5.5	Rel-8	FDD Band 17
18	Frequency band: 815-830, 860-875 MHz	36.101, 5.5	Rel-9	FDD Band 18
19	Frequency band: 830-845, 875-890 MHz	36.101, 5.5	Rel-9	FDD Band 19
20	Frequency band: 832-862, 791-821MHz	36.101, 5.5	Rel-9	FDD Band 20
21	Frequency band: 1447.9-1462.9, 1495.9-1510.9 MHz	36.101, 5.5	Rel-9	FDD band 21
33	Frequency band: 1900-1920, 1900-1920 MHz	36.101, 5.5	Rel-8	TDD Band 33
34	Frequency band: 2010-2025, 2010-2025 MHz	36.101, 5.5	Rel-8	TDD Band 34
35	Frequency band: 1850-1910, 1850-1910 MHz	36.101, 5.5	Rel-8	TDD Band 35
36	Frequency band: 1930-1990, 1930-1990 MHz	36.101, 5.5	Rel-8	TDD Band 36
37	Frequency band: 1910-1930, 1910-1930 MHz	36.101, 5.5	Rel-8	TDD Band 37
38	Frequency band: 2570-2620, 2570-2620 MHz	36.101, 5.5	Rel-8	TDD Band 38
39	Frequency band: 1880-1920, 1880-1920 MHz	36.101, 5.5	Rel-8	TDD Band 39
40	Frequency band: 2300-2400, 2300-2400 MHz	36.101, 5.5	Rel-8	TDD Band 40

Table A.4.3-4: PUSCH physical layer Categories

Item	PUSCH physical layer categories	Ref.	Release	Comments
1	Category 1	36.306, 4.1	Rel-8	
2	Category 2	36.306, 4.1	Rel-8	
3	Category 3	36.306, 4.1	Rel-8	
4	Category 4	36.306, 4.1	Rel-8	
5	Category 5	36.306, 4.1	Rel-8	Support for 64QAM in UL

Table A.4.3-5: PDSCH physical layer Categories

Item	PDSCH physical layer categories	Ref.	Release	Comments
1	Category 1	36.306, 4.1	Rel-8	
2	Category 2	36.306, 4.1	Rel-8	
3	Category 3	36.306, 4.1	Rel-8	
4	Category 4	36.306, 4.1	Rel-8	
5	Category 5	36.306, 4.1	Rel-8	

Table A.4.3-6: Supported Mixed MBSFN-unicast capabilities

Item	Supported Mixed MBSFN-unicast capabilities	Ref.	Release	Comments
1	Mixed MBSFN-unicast	36.211, 6.5	Rel-8	Support for MBSFN
				subframes: 1, 2, 3, 6, 7, 8

## A.4.4 Feature group indicators

Table A.4.4-1: Feature group indicators

Item	Additional information	Notes	Ref.	Release	Mnemonic	Comments
1	Support of - Intra-subframe frequency hopping for PUSCH scheduled by UL grant - DCI format 3a (TPC commands for PUCCH and PUSCH with single bit power adjustments) - Multi-user MIMO for PDSCH - Aperiodic CQI/PMI/RI reporting on PUSCH: Mode 2-0 – UE selected subband CQI without PMI - Aperiodic CQI/PMI/RI reporting on PUSCH: Mode 2-2 – UE selected subband CQI with multiple PMI		36.331, Annex B.1	Rel-8		Corresponding to the Index of Indicator, the leftmost binary bit 1 Set to true if supporting all functionalities in the feature group
2	Support of - Simultaneous CQI and ACK/NACK on PUCCH, i.e. PUCCH format 2a and 2b - Absolute TPC command for PUSCH - Resource allocation type 1 for PDSCH - Periodic CQI/PMI/RI reporting on PUCCH: Mode 2-0 – UE selected subband CQI without PMI - Periodic CQI/PMI/RI reporting on PUCCH: Mode 2-1 – UE selected subband CQI with single PMI		36.331, Annex B.1	Rel-8		Corresponding to the Index of Indicator, the leftmost binary bit 2 Set to true if supporting all functionalities in the feature group

3	Support of - Semi-persistent scheduling - TTI bundling - 5bit RLC UM SN - 7bit PDCP SN		36.331, Annex B.1	Rel-8	pc_FeatrGrp_3	Corresponding to the Index of Indicator, the leftmost binary bit 3 Set to true if supporting all functionalities in the feature group
4	Support of - Short DRX cycle	- can only be set to 1 if the UE has set bit number 5 to 1.	36.331, Annex B.1	Rel-8	pc_FeatrGrp_4	Corresponding to the Index of Indicator, the leftmost binary bit 4 Set to true if supporting all functionalities in the feature group
5	Support of - Long DRX cycle - DRX command MAC control element		36.331, Annex B.1	Rel-8	pc_FeatrGrp_5	Corresponding to the Index of Indicator, the leftmost binary bit 5 Set to true if supporting all functionalities in the feature group
6	Support of - Prioritized bit rate		36.331, Annex B.1		pc_FeatrGrp_6	Corresponding to the Index of Indicator, the leftmost binary bit 6 Set to true if supporting all functionalities in the feature group
7	Support of - RLC UM	- can only be set to 0 if the UE does not support voice	36.331, Annex B.1	Rel-8	pc_FeatrGrp_7	Corresponding to the Index of Indicator, the leftmost binary bit 7 Set to true if supporting all functionalities in the feature group
8	Support of - EUTRA RRC_CONNECTED to UTRA CELL_DCH PS handover	- can only be set to 1 if the UE has set bit number 22 to 1	36.331, Annex B.1	Rel-8	pc_FeatrGrp_8	Corresponding to the Index of Indicator, the leftmost binary bit 8 Set to true if supporting all functionalities in the feature group
9	Support of - EUTRA RRC_CONNECTED to GERAN GSM_Dedicated handover	- related to SR-VCC - can only be set to 1 if the UE has set bit number 23 to 1	36.331, Annex B.1	Rel-8	pc_FeatrGrp_9	Corresponding to the Index of Indicator, the leftmost binary bit 9 Set to true if supporting all functionalities in the feature group

10	Support of - EUTRA RRC_CONNECTED to GERAN (Packet_)Idle by Cell Change Order - EUTRA RRC_CONNECTED to GERAN (Packet_)Idle by Cell Change Order with NACC (Network Assisted Cell Change)		36.331, Annex B.1	Rel-8	pc_FeatrGrp_10	Corresponding to the Index of Indicator, the leftmost binary bit 10 Set to true if supporting all functionalities in the feature group
11	Support of - EUTRA RRC_CONNECTED to CDMA2000 1xRTT CS Active handover	- can only be set to 1 if the UE has sets bit number 24 to 1	36.331, Annex B.1	Rel-8	pc_FeatrGrp_11	Corresponding to the Index of Indicator, the leftmost binary bit 11 Set to true if supporting all functionalities in the feature group
12	Support of - EUTRA RRC_CONNECTED to CDMA2000 HRPD Active handover	- can only be set to 1 if the UE has set bit number 26 to 1	36.331, Annex B.1	Rel-8	pc_FeatrGrp_12	Corresponding to the Index of Indicator, the leftmost binary bit 12 Set to true if supporting all functionalities in the feature group
13	Support of - Inter-frequency handover	- can only be set to 1 if the UE has set bit number 25 to 1	36.331, Annex B.1	Rel-8	pc_FeatrGrp_13	Corresponding to the Index of Indicator, the leftmost binary bit 13 Set to true if supporting all functionalities in the feature group
14	Support of - Measurement reporting event: Event A4 – Neighbour > threshold - Measurement reporting event: Event A5 – Serving < threshold1 & Neighbour > threshold2		36.331, Annex B.1	Rel-8	pc_FeatrGrp_14	Corresponding to the Index of Indicator, the leftmost binary bit 14 Set to true if supporting all functionalities in the feature group
15	Support of - Measurement reporting event: Event B1 – Neighbour > threshold	- can only be set to 1 if the UE has set at least one of the bit number 22, 23, 24 or 26 to 1.	36.331, Annex B.1	Rel-8	pc_FeatrGrp_15	Corresponding to the Index of Indicator, the leftmost binary bit 15 Set to true if supporting all functionalities in the feature group
16	Support of - Periodical measurement reporting for non-ANR related measurements		36.331, Annex B.1	Rel-8	pc_FeatrGrp_16	Corresponding to the Index of Indicator, the leftmost binary bit 16 Set to true if supporting all functionalities in the feature group

17	Support of - Periodical measurement reporting for SON / ANR - ANR related intra-frequency measurement reporting events	set to 1 if the UE has set bit number 5 to 1.	36.331, Annex B.1		pc_FeatrGrp_17	Corresponding to the Index of Indicator, the leftmost binary bit 17 Set to true if supporting all functionalities in the feature group
18	Support of - ANR related inter-frequency measurement reporting events		36.331, Annex B.1	Rel-8	pc_FeatrGrp_18	Corresponding to the Index of Indicator, the leftmost binary bit 18 Set to true if supporting all functionalities in the feature group
19	Support of - ANR related inter-RAT measurement reporting events	,	36.331, Annex B.1	Rel-8	pc_FeatrGrp_19	Corresponding to the Index of Indicator, the leftmost binary bit 19 Set to true if supporting all functionalities in the feature group
20	If bit number 7 is set to "0": - SRB1 and SRB2 for DCCH + 8x AM DRB  If bit number 7 is set to "1": - SRB1 and SRB2 for DCCH + 8x AM DRB - SRB1 and SRB2 for DCCH + 5x AM DRB + 3x UM DRB  NOTE: UE which indicate support for a DRB combination also support all subsets of the DRB combination. Therefore, release of DRB(s) never results in an unsupported DRB combination.	- Regardless of what bit number 7 and bit number 20 is set to, UE shall support at least SRB1 and SRB2 for DCCH + 4x AM DRB - Regardless of what bit number 20 is set to, if bit number 7 is set to "1", UE shall support at least SRB1 and SRB2 for DCCH + 4x AM DRB + 1x UM DRB	36.331, Annex B.1		pc_FeatrGrp_20	Corresponding to the Index of Indicator, the leftmost binary bit 20 Set to true if supporting all functionalities in the feature group
21	Support of - Predefined intra- and inter-subframe frequency hopping for PUSCH with N_sb > 1		36.331, Annex B.1	Rel-8	pc_FeatrGrp_21	Corresponding to the Index of Indicator, the leftmost binary bit 21 Set to true if supporting all
	- Predefined inter-subframe frequency hopping for PUSCH with N_sb > 1					functionalities in the feature group

22	Support of - UTRAN measurements, reporting and measurement reporting event B2 in E-UTRA connected mode	36.331, Annex B.1	Rel-8	pc_FeatrGrp_22	Corresponding to the Index of Indicator, the leftmost binary bit 22 Set to true if supporting all functionalities in the feature group
23	Support of - GERAN measurements, reporting and measurement reporting event B2 in E-UTRA connected mode	36.331, Annex B.1	Rel-8	pc_FeatrGrp_23	Corresponding to the Index of Indicator, the leftmost binary bit 23 Set to true if supporting all functionalities in the feature group
24	Support of - 1xRTT measurements, reporting and measurement reporting event B2 in E-UTRA connected mode	36.331, Annex B.1	Rel-8	pc_FeatrGrp_24	Corresponding to the Index of Indicator, the leftmost binary bit 24 Set to true if supporting all functionalities in the feature group
25	Support of - Inter-frequency measurements and reporting in E-UTRA connected mode	36.331, Annex B.1	Rel-8	pc_FeatrGrp_25	Corresponding to the Index of Indicator, the leftmost binary bit 25 Set to true if supporting all functionalities in the feature group
26	Support of - HRPD measurements, reporting and measurement reporting event B2 in E-UTRA connected mode	36.331, Annex B.1		pc_FeatrGrp_26	Corresponding to the Index of Indicator, the leftmost binary bit 26 Set to true if supporting all functionalities in the feature group
27	Support of - EUTRA RRC_CONNECTED to UTRA CELL_DCH CS handover	36.331, Annex B.1		pc_FeatrGrp_27	Corresponding to the Index of Indicator, the leftmost binary bit 27 Set to true if supporting all functionalities in the feature group
28	Undefined	36.331, Annex B.1	Rel-8	pc_FeatrGrp_28	Corresponding to the Index of Indicator, the leftmost binary bit 28 Set to true if supporting all functionalities in the feature group

29	Undefined	36.331, Annex B.1	Rel-8	pc_FeatrGrp_29	Corresponding to the Index of Indicator, the leftmost binary bit 29 Set to true if supporting all functionalities in the feature group
30	Undefined	36.331, Annex B.1	Rel-8	pc_FeatrGrp_30	Corresponding to the Index of Indicator, the leftmost binary bit 30 Set to true if supporting all functionalities in the feature group
31	Undefined	36.331, Annex B.1	Rel-8	pc_FeatrGrp_31	Corresponding to the Index of Indicator, the leftmost binary bit 31 Set to true if supporting all functionalities in the feature group
32	Undefined	36.331, Annex B.1	Rel-8	pc_FeatrGrp_32	Corresponding to the Index of Indicator, the leftmost binary bit 32 Set to true if supporting all functionalities in the feature group

## Annex B (informative): Change history

Skeleton proposed for RAN5#38 Malaga   Updated after RAN5#39bis:   0.0.1	12	Change history	_				
Updated after RANS#39bis:	Old Ne	Subject/Comment	Rev	CR	TSG Doc.	TSG #	Date
- Editorial update and alignment with 36.523-2   - TC included in 36.521-1 and 36.521-3 included   - Some Conditions for TC selections introduce   Updated after RAN5#40:   - Editorial update in regard to changing spec names, etc.   - FDD and TDD split (R5-083839)   - RRM TC numbers aligned with 36.521-3 v030   Update after RAN5#40bis:   - Table split in different clauses for Conformance and RRM test cases   - Extension of applicability tables to include Additional information column   - Change of applicability tables to include Additional information column   - Change of applicability of TCs that apply to any E-UTRA device into 'R' - recommended   - Updated TCs in accordance to 36.521-1 v110 and 36.521-3 v040   - Some editorial updates   Update After RAN5#41 (R5-055360):   - Sane editorial updates   - Sane editorial u	0.0						
TC included in 36.521-1 and 36.521-3 included							2008-06
Some Conditions for TC selections introduce							
Updated after RANS#40:   0.1.1							
Editorial update in regard to changing spec names, etc.							
etc.							2008-08
FDD and TDD split (RS-083839)   - RRM TC numbers aligned with 36.521-3 v030	iames,	- Editorial update in regard to changing spec names,					
RRM TC numbers aligned with 36.521-3 v030							
Update after RAN5#40bis: - Table split in different clauses for Conformance and RRM test cases - Extension of applicability tables to include Additional information column - Change of applicability of TCs that apply to any E-UTRA device into "R" - recommended - Updated TCs in accordance to 36.521-1 v110 and 36.521-3 v040 - Some editorial updates   Update After RAN5#41 (R5-055360); - Renamed 8.1.1, added new 8.1.2, - Added new TCs to RRM section Measurement Performance Requirements - Added Table A.4.3-2 with reference to test loop functions in 36.509 - Some editorial changes - Normative References updated - Change RRM TC titles to reflect their applicability to FDD only   Approval of version 2.0.0 at RAN#42, then put to version 8.0.0.   Editorial corrections.   B.0.0.							
Table split in different clauses for Conformance and RRM test cases   Extension of applicability tables to include Additional information column   Change of applicability tables to include Additional information column   Change of applicability of TCs that apply to any E-UTRA device into "R" - recommended   Updated TCs in accordance to 36.521-1 v110 and 36.521-3 v040   Some editorial updates   Update After RAN5#41 (R5-055360): Renamed 8.1.1, added new 8.1.2, Added new Rs.1.2, Added new Rs.1.							
RRM test cases   Extension of applicability tables to include Additional information column   Change of applicability of TCs that apply to any E-UTRA device into "R" - recommended   Updated TCs in accordance to 36.521-1 v110 and 36.521-3 v040   Some editorial updates   Update After RANS#41 (R5-055360):							2008-10
- Extension of applicability tables to include Additional information column	ice and						
Information column							
- Change of applicability of TCs that apply to any E-UTRA device into "R" - recommended - Updated TCs in accordance to 36.521-1 v110 and 36.521-3 v040 - Some editorial updates  2008-11  2008-11  2008-11  2008-11  2008-12  2008-12  2008-12  2008-12  2008-13  2009-09  2008-01  2009-09  2008-01  2009-09  2009-0	ditional	- Extension of applicability tables to include Additional					
UTRA device into "R" - recommended							
- Updated TCs in accordance to 36.521-1 v110 and 36.521-3 v040   - Some editorial updates   Update After RAN\$#41 (R5-055360); - Renamed 8.1.1, added new 8.1.2, - Added new TCs to RRM section Measurement Performance Requirements - Added Table A.4.3-2 with reference to test loop functions in 36.509   - Some editorial changes - Normative References updated - Change RRM TC titles to reflect their applicability to FDD only   Approval of version 2.0.0 at RAN#42, then put to version 8.0.0   Editorial corrections.   Some section of the section of	ıny E-						
36.521-3 vol40							
Some editorial updates	0 and						
Update After RAN5#41 (R5-055360): - Renamed 8.1.1, added new 8.1.2, - Added new TCs to RRM section Measurement Performance Requirements - Added Table A.4.3-2 with reference to test loop functions in 36.509 - Some editorial changes - Normative References updated - Change RRM TC titles to reflect their applicability to FDD only   Approval of version 2.0.0 at RAN#42, then put to version 8.0.0   Editorial corrections.   8.0.0   Editorial corrections.   8.0.0   Editorial corrections.   8.0.1   for RRM test cases   LTE-RF: Applicability for Output Power Dynamics test   8.0.1   LTE-RF: Applicability for Output Power Dynamics test   8.0.1   cases   Correction RRM test cases   8.1.0   applicability changes to introduce additional RRM tests   R5-094710   0005   RAN#45   R5-094710   0005   Resubmission-Correction CR to 36.521-2: Applicability for BRM test cases   R5-094768   0006   Update of RRM Confomance test applicability for BRM (RF)   RF PDSCH Demodulation tests   R5-095819   0008   Correction CR to 36.521-2: Applicability changes to RF PDSCH Demodulation tests   R5-095814   0010   RRM tending RRM (RF)   R5-095841   0010   CR to 36.521-2: Applicability changes to RF PDSCH Demodulation fests   R5-095841   0010   CR to 36.521-2: Applicability on RAN5#44   R5-100358   0011   CR to 36.521-2: Replicability additions for new RRM   R5-095841   0010   CR to 36.521-2: Replicability additions for new RRM   R5-095841   0010   CR to 36.521-2: Replicability additions for new RRM   R5-095841   0010   CR to 36.521-2: Replicability additions for new RRM   R5-095841   0010   CR to 36.521-2: Rel-8 Introduction of Applicability for   R-UTRAN FDD - FDD Intra Frequency Cell Search   R-UTRAN FDD - FDD Intra							
Renamed 8.1.1, added new 8.1.2,							
- Added new TCs to RRM section Measurement Performance Requirements - Added Table A. 4.3-2 with reference to test loop functions in 36.509 - Some editorial changes - Normative References updated - Change RRM TC titles to reflect their applicability to FDD only  2008-12 RAN#42 RP-080970  2008-01 Approval of version 2.0.0 at RAN#42, then put to version 8.0.0.  Editorial corrections. CR to 36.521-2: Applicability changes and additions for RRM test cases  2009-05 RAN#44 RP-090448 0002  LTE-RF: Applicability for Output Power Dynamics test 8.0.1 cases  2009-09 RAN#45 R5-094035 0003 - Correction CR to 36.521-2: Applicability changes to introduce additional RRM tests  2009-09 RAN#45 R5-094572 0004 - Applicability for Output Power Dynamics test cases 8.1.0  2009-09 RAN#45 R5-094710 0005 - Resubmission-Correction CR to 36.521-2: Applicability for SON  2009-09 RAN#45 R5-094768 0006 - Update of RRM Confomance test applicability for SON  2009-09 RAN#45 R5-094768 0006 - Update of RRM Confomance test applicability changes to RF PDSCH Demodulation tests  2009-12 RAN#46 R5-095778 0009 Update of RRM Confomance test applicability changes to update the Demodulation of PDSCH (FDD) tests based on the CR merge results from RAN5#44  2009-12 RAN#46 R5-09578 0009 Update of RRM Confomance test applicability for 8.2.0  RLM in DRX test cases  2010-03 RAN#47 R5-100358 0011 - CR to 36.521-2: Applicability additions for new RRM 8.2.0  (FDD) tests  CR to 36.521-2: Applicability additions for new RRM 8.2.0  (FDD) tests  CR to 36.521-2: Applicability for RAN5#44  DDATE REFORM Confomance test applicability for 8.2.0  RLM in DRX test cases  CR to 36.521-2: Applicability for 8.3.0  CR to 36.521-2: Applicability for 1.0  CR to 36.521-2: Applicability for 1.0  CR to 36.521-2: Applicability additions for new RRM 8.2.0  (FDD) tests  CR to 36.521-2: Applicability for 1.0  CR to 36.521-2: Applicability additions for new RRM 8.2.0	0.3.0 2.0						2008-11
Performance Requirements							
- Added Table A. 4.3-2 with reference to test loop functions in 36.509 - Some editorial changes - Normative References updated - Change RRM TC titles to reflect their applicability to FDD only - Some editorial changes - Normative References updated - Change RRM TC titles to reflect their applicability to FDD only - Approval of version 2.0.0 at RAN#42, then put to version 8.0.0 Editorial corrections Some editorial changes - Normative References updated - Change RRM TC titles to reflect their applicability to FDD only - Some editorial changes - Normative References updated - Change RRM TC titles to reflect their applicability to FDD only - Some editorial changes - Normative References updated - Change RRM TC titles to reflect their applicability to FDD only - Son - Some editorial changes - Normative References updated - Change RRM TC titles to reflect their applicability to FDD only - Son	nt						
functions in 36.509   - Some editorial changes   - Normative References updated   - Change RRM TC titles to reflect their applicability to   FDD only							
- Some editorial changes - Normative References updated - Change RRM TC titles to reflect their applicability to FDD only  2008-12 RAN#42 RP-080970 Approval of version 2.0.0 at RAN#42, then put to version 8.0.0.  2008-01 Editorial corrections.  2009-05 RAN#44 RP-090448 0001 CR to 36.521-2: Applicability changes and additions for RRM test cases  2009-05 RAN#44 RP-090448 0002 LTE-RF: Applicability for Output Power Dynamics test cases  2009-09 RAN#45 R5-094035 0003 Correction CR to 36.521-2: Applicability changes to introduce additional RRM tests  2009-09 RAN#45 R5-094572 0004 Applicability for Output Power Dynamics test cases  2009-09 RAN#45 R5-094710 0005 Resubmission-Correction CR to 36.521-2: Applicability changes to introduce additional RRM tests  2009-09 RAN#45 R5-094768 0006 Update of RRM Confomance test applicability changes to RF PDSCH Demodulation tests  2009-12 RAN#46 R5-095519 0008 Correction CR to 36.521-2: Applicability changes to update the Demodulation of PDSCH (FDD) tests based on the CR merge results from RAN5#44  2009-12 RAN#46 R5-095778 0009 Update of RRM Confomance test applicability for RLM in DRX test cases  2009-12 RAN#46 R5-095778 0010 CR to 36.521-2: Applicability for RLM in DRX test cases  2009-12 RAN#46 R5-095841 0010 CR to 36.521-2: Applicability additions for new RRM (FDD) tests based on the CR merge results from RAN5#44  2009-12 RAN#46 R5-095841 0010 CR to 36.521-2 Rel-8 Introduction of Applicability for RLM in DRX test cases  2009-12 RAN#47 R5-100358 0011 CR to 36.521-2 Rel-8 Introduction of Applicability for RLM RAN5#41 CR to 36.521-2 Rel-8 Introduction of Applicability for RLM RLM REPORT R	ор						
- Normative References updated - Change RRM TC titles to reflect their applicability to FDD only  2008-01							
Change RRM TC titles to reflect their applicability to FDD only							
PDD only   Approval of version 2.0.0 at RAN#42, then put to   2.0.0   version 8.0.0.   2008-01   Editorial corrections.   8.0.0   Editorial corrections.   8.0.1   for RRM test cases   LTE-RF: Applicability for Output Power Dynamics test   8.0.1   cases   Correction CR to 36.521-2: Applicability changes to   8.1.0   introduce additional RRM tests   RS-094035   Correction CR to 36.521-2: Applicability changes to   introduce additional RRM tests   RS-094035   Correction CR to 36.521-2: Applicability changes to   introduce additional RRM tests   RS-094710   O005   Applicability for Output Power Dynamics test cases   8.1.0   RS-094710   RS-094710   RS-094710   O005   Applicability changes to introduce additional RRM tests   Applicability changes to   Correction CR to 36.521-2: Applicability changes to   RS-09509   RAN#45   RS-094768   O006   Correction CR to 36.521-2: Applicability changes to   RS-09509   RAN#45   RS-095519   O008   Correction CR to 36.521-2: Applicability changes to   Applicability changes to   RS-09509   RAN#46   RS-095778   O009   Correction CR to 36.521-2: Applicability for   RLM in DRX test cases   RS-09509   RAN#46   RS-095841   O010   CR to 36.521-2: Applicability additions for new RRM   RS-09509   RAN#47   RS-100358   O011   CR to 36.521-2 Rel-8 Introduction of Applicability for   RS-0009   E-UTRAN FDD - FDD Intra Frequency Cell Search   RS-0009   E-UTRAN FDD - FDD Intra Frequency Cell Search   RS-0009   RS-000							
Approval of version 2.0.0 at RAN#42, then put to version 8.0.0.	bility to						
version 8.0.0.   Editorial corrections.   8.0.0   2009-05   RAN#44   RP-090448   0001   CR to 36.521-2: Applicability changes and additions for RRM test cases   LTE-RF: Applicability for Output Power Dynamics test cases   LTE-RF: Applicability for Output Power Dynamics test cases   2009-09   RAN#45   R5-094035   0003   Correction CR to 36.521-2: Applicability changes to introduce additional RRM tests   2009-09   RAN#45   R5-094572   0004   Applicability for Output Power Dynamics test cases   8.1.0   2009-09   RAN#45   R5-094710   0005   Resubmission-Correction CR to 36.521-2:   Applicability changes to introduce additional RRM tests   2009-09   RAN#45   R5-094768   0006   Update of RRM Confomance test applicability for SON   2009-09   RAN#45   R5-094999   0007   Correction CR to 36.521-2: Applicability changes to RF PDSCH Demodulation tests   Correction CR to 36.521-2: Applicability changes to update the Demodulation of PDSCH (FDD) tests based on the CR merge results from RAN5#44   2009-12   RAN#46   R5-095778   0009   Update of RRM Confomance test applicability for RLM in DRX test cases   2009-12   RAN#46   R5-095841   0010   CR to 36.521-2: Applicability additions for new RRM (FDD) tests   CR to 36.521-2: Applicability additions for new RRM (FDD) tests   CR to 36.521-2 Rel-8 Introduction of Applicability for E-UTRAN FDD - FDD Intra Frequency Cell Search   2009-10 RAN#47   R5-100358   0011   CR to 36.521-2 Rel-8 Introduction of Applicability for E-UTRAN FDD - FDD Intra Frequency Cell Search   2009-10 RAN#47   R5-100358   0011   CR to 36.521-2 Rel-8 Introduction of Applicability for E-UTRAN FDD - FDD Intra Frequency Cell Search   2009-10 RAN#47   R5-100358   2001-2 RAN#47   R5-10							
Editorial corrections.   8.0.0	t to 2.0.0 8.0				RP-080970	RAN#42	2008-12
2009-05         RAN#44         RP-090448         0001         CR to 36.521-2: Applicability changes and additions for RRM test cases         8.0.1           2009-05         RAN#44         RP-090448         0002         LTE-RF: Applicability for Output Power Dynamics test cases         8.0.1           2009-09         RAN#45         R5-094035         0003         - Correction CR to 36.521-2: Applicability changes to introduce additional RRM tests         8.1.0           2009-09         RAN#45         R5-094572         0004         - Applicability for Output Power Dynamics test cases         8.1.0           2009-09         RAN#45         R5-094710         0005         - Resubmission-Correction CR to 36.521-2: Applicability changes to introduce additional RRM tests         8.1.0           2009-09         RAN#45         R5-094768         0006         - Update of RRM Conformance test applicability for SON         8.1.0           2009-09         RAN#45         R5-094768         0007         - Correction CR to 36.521-2: Applicability changes to RF PDSCH Demodulation tests         8.1.0           2009-12         RAN#46         R5-095519         0008         Correction CR to 36.521-2: Applicability changes to update the Demodulation of PDSCH (FDD) tests based on the CR merge results from RAN5#44         8.2.0           2009-12         RAN#46         R5-095778         0009         Update of RRM Conformance							
For RRM test cases   Correction CR to 36.521-2: Applicability changes to introduce additional RRM tests   Cases   Ca							
2009-05         RAN#44         RP-090448         0002         LTE-RF: Applicability for Output Power Dynamics test cases         8.0.1           2009-09         RAN#45         R5-094035         0003         - Correction CR to 36.521-2: Applicability changes to introduce additional RRM tests         8.1.0           2009-09         RAN#45         R5-094572         0004         - Applicability for Output Power Dynamics test cases         8.1.0           2009-09         RAN#45         R5-094710         0005         - Resubmission-Correction CR to 36.521-2: Applicability changes to introduce additional RRM tests         8.1.0           2009-09         RAN#45         R5-094768         0006         - Update of RRM Confomance test applicability for SON         8.1.0           2009-09         RAN#45         R5-094768         0006         - Update of RRM Confomance test applicability changes to SON         8.1.0           2009-12         RAN#46         R5-095519         0008         Correction CR to 36.521-2: Applicability changes to Update the Demodulation tests         8.2.0           2009-12         RAN#46         R5-095778         0009         Update of RRM Confomance test applicability for RLM in DRX test cases         8.2.0           2009-12         RAN#46         R5-095841         0010         - CR to 36.521-2: Applicability additions for new RRM (FDD) tests         8.2.0	ditions 8.0.1 8.1			0001	RP-090448	RAN#44	2009-05
Cases							
2009-09	nics test   8.0.1   8.1			0002	RP-090448	RAN#44	2009-05
introduce additional RRM tests							
2009-09         RAN#45         R5-094572         0004         -         Applicability for Output Power Dynamics test cases         8.1.0           2009-09         RAN#45         R5-094710         0005         -         Resubmission-Correction CR to 36.521-2: Applicability changes to introduce additional RRM tests         8.1.0           2009-09         RAN#45         R5-094768         0006         -         Update of RRM Conformance test applicability for SON         8.1.0           2009-09         RAN#45         R5-094999         0007         -         Correction CR to 36.521-2: Applicability changes to RF PDSCH Demodulation tests         8.1.0           2009-12         RAN#46         R5-095519         0008         Correction CR to 36.521-2: Applicability changes to update the Demodulation of PDSCH (FDD) tests based on the CR merge results from RAN5#44         8.2.0           2009-12         RAN#46         R5-095778         0009         Update of RRM Conformance test applicability for RLM in DRX test cases         8.2.0           2009-12         RAN#46         R5-095841         0010         -         CR to 36.521-2: Applicability additions for new RRM (FDD) tests         8.2.0           2010-03         RAN#47         R5-100358         0011         -         CR to 36.521-2 Rel-8 Introduction of Applicability for E-UTRAN FDD - FDD Intra Frequency Cell Search	ges to 8.1.0 8.2		-	0003	R5-094035	RAN#45	2009-09
2009-09         RAN#45         R5-094710         0005         -         Resubmission-Correction CR to 36.521-2: Applicability changes to introduce additional RRM tests         8.1.0           2009-09         RAN#45         R5-094768         0006         -         Update of RRM Conformance test applicability for SON         8.1.0           2009-09         RAN#45         R5-094999         0007         -         Correction CR to 36.521-2: Applicability changes to RF PDSCH Demodulation tests         8.1.0           2009-12         RAN#46         R5-095519         0008         Correction CR to 36.521-2: Applicability changes to update the Demodulation of PDSCH (FDD) tests based on the CR merge results from RAN5#44         8.2.0           2009-12         RAN#46         R5-095778         0009         Update of RRM Conformance test applicability for RLM in DRX test cases         8.2.0           2009-12         RAN#46         R5-095841         0010         -         CR to 36.521-2: Applicability additions for new RRM (FDD) tests         8.2.0           2010-03         RAN#47         R5-100358         0011         -         CR to 36.521-2 Rel-8 Introduction of Applicability for E-UTRAN FDD - FDD Intra Frequency Cell Search         8.3.0							
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2010-03	RAN#47	R5-100872	0013	-	9 1	8.3.0	8.4.0
					clause structure		
2010-03	RAN#47	-	-	-	Moved to v9.0.0 with no change	8.4.0	9.0.0
2010-06	RAN#48	R5-103147	0014	-	Adding band 20, 800MHZ in EU to TS36.521-2	9.0.0	9.1.0
2010-06	RAN#48	R5-103757	0015	-	Introduction of feature group indicator in applicability	9.0.0	9.1.0
					for RRM test cases		

## History

	Document history							
V9.0.0	April 2010	Publication						
V9.1.0	July 2010	Publication						