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**5G;
NR;**

**User Equipment (UE) conformance specification;
Applicability of radio transmission, radio reception
and radio resource management test cases
(3GPP TS 38.522 version 15.0.0 Release 15)**



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Keywords

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Foreword

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

The contents of the present document are subject to continuing work within the TSG and may change following formal TSG approval. Should the TSG modify the contents of the present document, it will be re-released by the TSG with an identifying change of release date and an increase in version number as follows:

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 - 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.

The present document is one part of a multi-part Technical Specification (TS) covering the New Radio (NR) User Equipment (UE) conformance specification, which is divided in the following parts:

3GPP TS 38.521-1 [1]: NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 1: Range 1 Standalone;

3GPP TS 38.521-2 [2]: NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 2: Range 2 Standalone;

3GPP TS 38.521-3 [3]: NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 3: Range 1 and Range 2 Interworking operation with other radios;

3GPP TS 38.521-4 [4]: NR; User Equipment conformance specification; Radio transmission and reception; Part 4: Performance;

3GPP TS 38.522: NR; User Equipment (UE) conformance specification; Applicability of RF and RRM test cases;

3GPP TS 38.533 [5]: NR; User Equipment (UE) conformance specification; Radio resource management;

1 Scope

The present document provides the Implementation Conformance Statement (ICS) proforma for 5G New Radio (NR) User Equipment (UE), in compliance with the relevant requirements.

The present document specifies the recommended applicability statement for the test cases included in 3GPP TS 38.521-1 [1], TS 38.521-2 [2], TS 38.521-3 [3], TS 38.521-4 [4] and TS 38.533 [5]. These applicability statements are based on the features implemented in the UE.

Special conformance testing functions can be found in 3GPP TS 38.509 [6] and the common test environments are included in 3GPP TS 38.508-1 [7].

The present document is valid for UE implemented according to 3GPP releases starting from Release 15 up to the Release indicated on the cover page of the present document.

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.
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- [1] 3GPP TS 38.521-1: NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 1: Range 1 Standalone
- [2] 3GPP TS 38.521-2: NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 2: Range 2 Standalone
- [3] 3GPP TS 38.521-3: NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 3: Range 1 and Range 2 Interworking operation with other radios
- [4] 3GPP TS 38.521-4: NR; User Equipment conformance specification; Radio transmission and reception; Part 4: Performance
- [5] 3GPP TS 38.533: NR; User Equipment (UE) conformance specification; Radio resource management
- [6] 3GPP TS 38.509: 5GS; Special conformance testing functions for User Equipment (UE)
- [7] 3GPP TS 38.508-1: 5GS; User Equipment (UE) conformance specification; Part 1: Common test environment
- [8] 3GPP TS 38.508-2: 5GS; User Equipment (UE) conformance specification; Part 2: Common Implementation Conformance Statement (ICS) proforma
- [9] 3GPP TR 21.905: Vocabulary for 3GPP Specifications

Editor's note: More specifications need to be added.

3 Definitions, symbols and abbreviations

3.1 Definitions

For the purposes of the present document, the terms and definitions given in TR 21.905 [9] and the following apply. A term defined in the present document takes precedence over the definition of the same term, if any, in TR 21.905 [9].

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)

Editor's note: intended to capture definitions

3.2 Symbols

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

Editor's note: intended to capture symbols

3.3 Abbreviations

For the purposes of the present document, the abbreviations given in TR 21.905 [9] 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 [9].

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

FR1	Frequency Range 1 (450 MHz - 6000 MHz)
FR2	Frequency Range 2 (24250 MHz - 52600 MHz)
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

Editor's note: intended to capture abbreviations.

4 Recommended test case applicability

The applicability of each individual test is identified in the tables 4.1.1-1 / 4.1.2-1 / 4.1.3-1 / 4.1.4-1 / 4.2-1. This is just a recommendation based on the purpose for which the test case was written.

The test case applicability condition of every test is formally expressed by the use of Boolean expression that are based on parameters (ICS) included in annex A of TS 38.508-2 [8] without reference.

Selection criteria of tested bands and tested CA configurations for each applicable test is formally expressed using group theory based on parameters (ICS) included in annex A of TS 38.508-2 [8] without reference.

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 4.1.1-1 / 4.1.2-1 / 4.1.3-1 / 4.1.4-1 / 4.2-1 have the following meaning:

Clause

The clause column indicates the clause number in TS 38.521-1 [1], TS 38.521-2 [2], TS 38.521-3 [3], TS 38.521-4 [4] and TS 38.533 [5] 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 38.521-1 [1], TS 38.521-2 [2], TS 38.521-3 [3], TS 38.521-4 [4] and TS 38.533 [5] that contains the test body.

Release

The release column indicates the earliest release from which each test case is applicable. It may also indicate a range of releases or a single release to which a 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 NR
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 a 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.

Tested Bands / CA-Configurations Selection

This column defines a set of bands / CA Configurations the test is to be run for, if the test is applicable. If the set is empty, the test is considered as not applicable.

The following notations are used in the tested bands selection column:

Di	Derive the set based on Band Selection Criteria Di defined in table [FFS].
Ei	Derive the set based on CA Configurations Selection Criteria Ei defined in table [FFS].
TBD	Band selection not defined at this time, in the meantime test all Bands / CA Configurations
Text	For more complex selection criteria, or if the criteria are already specified somewhere else in the spec, text reference to the section is given.

Additional Information

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

NOTE 1: 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 RF test cases in table 4.1-1. 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.

NOTE 2: To meet the validation requirements from certification bodies then there is a need to uniquely reference the 2Rx (UE supports 2 Rx antenna ports in the tested band) and 4Rx (UE supports 4 Rx antenna ports in the tested band) branch of common 2Rx and 4Rx RRM test cases in table 4.2-1. The 2Rx and 4Rx branches of common 2Rx and 4Rx test cases can be referenced by amending a "2Rx" or "4Rx" suffix to the test case clause number. For example for test case 4.2.1 the 2Rx and 4Rx branches can be identified by "4.2.1_2Rx" and "4.2.1_4Rx".

Editor's note: The above description will be updated when necessary, for example 1Tx and 2Tx differentiation.

4.1 RF conformance test cases

NOTE: To determine applicability of a test case, FGI support in combined or fdd-Add-UE-NR-Capabilities or tdd-Add-UE-NR-Capabilities is taken into account.

4.1.1 FR1 standalone conformance test cases

Editor's note: Table A.4.3.1-1 and Table A.4.3.1-2 need to be updated in TS 38.508-2 [8].

Table 4.1.1-1: Applicability of RF conformance test cases, ref. TS 38.521-1 [1]

Clause	Title	Release	Applicability		Tested Bands/ CA- Configurations Selection	Additional Information
			Condition	Comments		
Transmitter Characteristics						
6.2.1	UE maximum output power	Rel-15	C01	UEs supporting 5GS FR1	D01	
6.2.4	Configured transmitted power	Rel-15	C01	UEs supporting 5GS FR1	D01	
6.2C.1	Configured transmitted power for SUL	Rel-15	FFS	UEs supporting 5GS FR1 and SUL	FFS	
6.3.1	Minimum output power	Rel-15	C01	UEs supporting 5GS FR1	D01	
6.3.2	Transmit OFF power	Rel-15	C01	UEs supporting 5GS FR1	D01	
6.3.3.2	General ON/OFF time mask	Rel-15	C01	UEs supporting 5GS FR1	D01	
6.3.3.4	PRACH time mask	Rel-15	C01	UEs supporting 5GS FR1	D01	
6.3.4.2	Absolute power tolerance	Rel-15	C01	UEs supporting 5GS FR1	D01	
6.3.4.3	Power Control Relative power tolerance	Rel-15	C01	UEs supporting 5GS FR1	D01	
6.3.4.4	Aggregate power tolerance	Rel-15	C01	UEs supporting 5GS FR1	D01	
6.4.1	Frequency error	Rel-15	C01	UEs supporting 5GS FR1	D01	
6.4.2.1	Error Vector Magnitude	Rel-15	C01	UEs supporting 5GS FR1	D01	
6.4.2.2	Carrier leakage	Rel-15	C01	UEs supporting 5GS FR1	D01	
6.4.2.3	In-band emissions	Rel-15	C01	UEs supporting 5GS FR1	D01	
6.4.2.4	EVM equalizer spectrum flatness	Rel-15	C01	UEs supporting 5GS FR1	D01	
6.5.1	Occupied bandwidth	Rel-15	C01	UEs supporting 5GS FR1	D01	
6.5.4	Transmit intermodulation	Rel-15	C01	UEs supporting 5GS FR1	D01	
6.5.2.2	Spectrum Emission Mask	Rel-15	C01	UEs supporting 5GS FR1	D01	
6.5.2.3	Additional spectrum emission mask	Rel-15	C01	UEs supporting 5GS FR1	D01	
6.5.2.4.1	NR ACLR	Rel-15	C01	UEs supporting 5GS FR1	D01	
6.5.3.1	General spurious emissions	Rel-15	C01	UEs supporting 5GS FR1	D01	
6.5.3.2	Spurious emission for UE co-existence	Rel-15	C01	UEs supporting 5GS FR1	D01	
6.5.3.3	Additional spurious emissions	Rel-15	C01	UEs supporting 5GS FR1	D01	
6.5.4	Transmit intermodulation	Rel-15	C01	UEs supporting 5GS FR1	D01	
7.3.2	Reference sensitivity power level	Rel-15	C01	UEs supporting 5GS FR1	D01	
7.3.2_1	Reference sensitivity level with 4 Rx antenna ports	Rel-15	FFS	UEs supporting 5GS FR1 with 4Rx antenna ports	D01	
7.3A.2.1.1	Intra-band contiguous CA 2CC	Rel-15	FFS	UEs supporting 5GS FR1 and intra-band contiguous CA 2CC	FFS	

Clause	Title	Release	Applicability		Tested Bands/ CA- Configurations Selection	Additional Information
			Condition	Comments		
7.3A.2.[X 2]	Inter-band CA	Rel-15	FFS	UEs supporting 5GS FR1 and inter-band CA	FFS	
7.3C.2	Reference sensitivity power level	Rel-15	FFS	UEs supporting 5GS FR1 and SUL	FFS	
7.5	Adjacent channel selectivity	Rel-15	C01	UEs supporting 5GS FR1	D01	
7.6.2	Inband Blocking	Rel-15	C01	UEs supporting 5GS FR1	D01	
7.6.3	Out-of-band blocking	Rel-15	C01	UEs supporting 5GS FR1	D01	

Table 4.1.1-1a: Applicability of RF conformance test cases Conditions

C01	IF (A.4.1-1/1 OR A.4.1-1/2) THEN R ELSE N/A

Table 4.1.1-1b: Tested Bands Selection Criteria

Code	Selection	Comment
D01	A.4.3.1-1 OR A.4.3.1-2	All supported FR1 Bands

Table 4.1.1-1c: Tested CA Configurations Selection Criteria

Code	Selection	Comment
Exy		

4.1.2 FR2 standalone conformance test cases

Editor's note: "Table A.4.3.1-3 NR FR2 TDD RF Baseline Implementation Capabilities" needs to be added in TS 38.508-2.

Table 4.1.2-1: Applicability of RF conformance test cases, ref. TS 38.521-2 [2]

Clause	Title	Release	Applicability		Tested Bands/ CA- Configurations Selection	Additional Information
			Condition	Comments		
Transmitter Characteristics						
6.2.1.1	EIRP and TRP	Rel-15	C01	UEs supporting 5GS FR2	D01	
6.2.1.2	Spherical coverage	Rel-15	C01	UEs supporting 5GS FR2	D01	
6.3.1	Minimum output power	Rel-15	C01	UEs supporting 5GS FR2	D01	
6.3.2	Transmit OFF power	Rel-15	C01	UEs supporting 5GS FR2	D01	
6.3.3.2	General ON/OFF time mask	Rel-15	C01	UEs supporting 5GS FR2	D01	
6.3.3.4	PRACH time mask	Rel-15	C01	UEs supporting 5GS FR2	D01	
6.4.1	Frequency error	Rel-15	C01	UEs supporting 5GS FR2	D01	
6.4.2.1	Error vector magnitude	Rel-15	C01	UEs supporting 5GS FR2	D01	
6.4.2.2	Carrier leakage	Rel-15	C01	UEs supporting 5GS FR2	D01	
6.5.1	Occupied bandwidth	Rel-15	C01	UEs supporting 5GS FR2	D01	
6.5.2.1	Spectrum Emission Mask	Rel-15	C01	UEs supporting 5GS FR2	D01	
6.5.2.3	Adjacent channel leakage ratio	Rel-15	C01	UEs supporting 5GS FR2	D01	
6.5.3.1	Transmitter Spurious emissions	Rel-15	C01	UEs supporting 5GS FR2	D01	
7.3.2	Reference sensitivity power level	Rel-15	C01	UEs supporting 5GS FR2	D01	
7.4	Maximum input level	Rel-15	C01	UEs supporting 5GS FR2	D01	
7.5	Adjacent channel selectivity	Rel-15	C01	UEs supporting 5GS FR2	D01	
7.6.2	In-band Blocking	Rel-15	C01	UEs supporting 5GS FR2	D01	

Table 4.1.2-1a: Applicability of RF conformance test cases Conditions

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

Table 4.1.2-1b: Tested Bands Selection Criteria

Code	Selection	Comment
D01	A.4.3.1-3	All supported FR2 Bands

Table 4.1.2-1c: Tested CA Configurations Selection Criteria

Code	Selection	Comment
Exy		

4.1.3 NR interworking between NR FR1 and NR FR2 and between NR and LTE conformance test cases

Editor's note: Table A.4.3.1-1 and Table A.4.3.1-2 need to be updated in TS 38.508-2. "Table A.4.3.1-3 NR FR2 TDD RF Baseline Implementation Capabilities" and "Table A.4.1-3 NSA UE Radio Technologies" need to be added in TS 38.508-2.

Table 4.1.3-1: Applicability of RF conformance test cases, ref. TS 38.521-3 [3]

Clause	Title	Release	Applicability		Tested Bands/ CA- Configurations Selection	Additional Information
			Condition	Comments		
Transmitter Characteristics						
6.2B.1.1	UE Maximum Output Power for Intra-Band Contiguous EN-DC	Rel-15	C01	UEs supporting Intra-Band Contiguous EN-DC	D01	
6.2B.1.3	UE Maximum Output Power for Inter-Band EN-DC within FR1	Rel-15	C02	UEs supporting Intra-Band Non-Contiguous EN-DC	D01	
6.2B.2.1	UE Maximum Output Power reduction for Intra-Band Contiguous EN-DC	Rel-15	C03	UEs supporting Inter-Band EN-DC within FR1	D01	
6.2B.4.1.1	Configured Output Power for Intra-Band Contiguous EN-DC	Rel-15	C01	UEs supporting Intra-Band Contiguous EN-DC	D01	
6.2B.4.1.2	Configured Output Power for Intra-Band Non-Contiguous EN-DC	Rel-15	C02	UEs supporting Intra-Band Non-Contiguous EN-DC	D01	
6.2B.4.1.3	Configured Output Power for Inter-Band EN-DC within FR1	Rel-15	C03	UEs supporting Inter-Band EN-DC within FR1	D01	
6.2B.4.1.4	Configured Output Power for Inter-Band EN-DC including FR2	Rel-15	C04	UEs supporting Inter-Band EN-DC including FR2	D02	
6.2B.4.1.5	Configured Output Power for Inter-Band EN-DC including both FR1 and FR2	Rel-15	C05	UEs supporting Inter-Band EN-DC including both FR1 and FR2	D03	
6.3B.1.1	Minimum Output power for intra-band contiguous EN-DC	Rel-15	C01	UEs supporting intra-band contiguous EN-DC	D01	
6.3B.1.2	Minimum output power for intra-band non-contiguous EN-DC	Rel-15	C02	UEs supporting intra-band non-contiguous EN-DC	D01	
6.3B.1.3	Minimum output power for inter-band EN-DC within FR1	Rel-15	C03	UEs supporting inter-band EN-DC within FR1	D01	
6.5B.1	Occupied bandwidth for EN-DC	Rel-15	C06	UEs supporting EN-DC	D03	
6.5B.1.3	Occupied bandwidth for inter-band EN-DC within FR1	Rel-15	C03	UEs supporting inter-band EN-DC within FR1	D01	
6.5B.2.1.2	Additional Spectrum emissions mask for intra-band contiguous EN-DC	Rel-15	C01	UEs supporting intra-band contiguous EN-DC	D01	
6.5B.2.1.3	Adjacent channel leakage ratio for intra-band contiguous EN-DC	Rel-15	C01	UEs supporting intra-band contiguous EN-DC	D01	

Clause	Title	Release	Applicability		Tested Bands/ CA- Configurations Selection	Additional Information
			Condition	Comments		
6.5B.2.2.3	Adjacent channel leakage ratio for intra-band non-contiguous EN-DC	Rel-15	C02	UEs supporting intra-band non-contiguous EN-DC	D01	
6.5B.2.3.1	Spectrum emissions mask for Inter-band EN-DC within FR1	Rel-15	C03	UEs supporting Inter-band EN-DC within FR1	D01	
6.5B.2.3.3	Adjacent channel leakage ratio for inter-band EN-DC within FR1	Rel-15	C03	UEs supporting Inter-band EN-DC within FR1	D01	
6.5B.3.1.1	General Spurious Emissions for intra-band contiguous EN-DC	Rel-15	C01	UEs supporting intra-band contiguous EN-DC	D01	
6.5B.3.2.1	General Spurious Emissions for intra-band non-contiguous EN-DC	Rel-15	C02	UEs supporting intra-band non-contiguous EN-DC	D01	
6.5B.3.3.1	General Spurious Emissions for Inter-band EN-DC within FR1	Rel-15	C03	UEs supporting Inter-band EN-DC within FR1	D01	
6.5B.3.4	Spurious emission band UE co-existence for Inter-band including FR2	Rel-15	C04	UEs supporting Inter-band including FR2	D02	
7.3B.2.1	Reference sensitivity for intra-band contiguous EN-DC	Rel-15	C01	UEs supporting intra-band contiguous EN-DC	D01	
7.3B.2.3	Reference sensitivity for inter-band EN-DC within FR1	Rel-15	C03	UEs supporting inter-band EN-DC within FR1	D01	
7.4B.1	Maximum Input Level for Intra-Band Contiguous EN-DC	Rel-15	C01	UEs supporting Intra-Band Contiguous EN-DC	D01	
7.4B.2	Maximum Input Level for Intra-Band Non-Contiguous EN-DC	Rel-15	C02	UEs supporting Intra-Band Non-Contiguous EN-DC	D01	
7.4B.3	Maximum Input Level for Inter-band EN-DC within FR1	Rel-15	C03	UEs supporting Inter-band EN-DC within FR1	D01	
7.5B.1	Adjacent Channel Selectivity for intra-band contiguous EN-DC	Rel-15	C01	UEs supporting intra-band contiguous EN-DC	D01	
7.5B.2	Adjacent Channel Selectivity for intra-band non-contiguous EN-DC	Rel-15	C02	UEs supporting intra-band non-contiguous EN-DC	D01	
7.5B.3	Adjacent Channel Selectivity for inter-band EN-DC within FR1	Rel-15	C03	UEs supporting inter-band EN-DC within FR1	D01	

Table 4.1.3-1a: Applicability of RF conformance test cases Conditions

C01	IF A.4.1-3/1 THEN R ELSE N/A
C02	IF A.4.1-3/2 THEN R ELSE N/A
C03	IF A.4.1-3/3 THEN R ELSE N/A
C04	IF A.4.1-3/4 THEN R ELSE N/A
C05	IF (A.4.1-3/3 OR A.4.1-3/4) THEN R ELSE N/A
C06	IF (A.4.1-3/1 OR A.4.1-3/2 OR A.4.1-3/3 OR A.4.1-3/4) THEN R ELSE N/A

Table 4.1.3-1b: Tested Bands Selection Criteria

Code	Selection	Comment
D01	A.4.3.1-1 AND A.4.3.1-2	All supported FR1 Bands
D02	A.4.3.1-3	All supported FR2 Bands
D03	A.4.3.1-1 AND A.4.3.1-2 AND A.4.3.1-3	All supported NR Bands

Table 4.1.3-1c: Tested CA Configurations Selection Criteria

Code	Selection	Comment
Exy		

4.1.4 Performance conformance test cases

Table 4.1.4-1: Applicability of performance test cases, ref. TS 38.521-4 [4]

Clause	Title	Release	Applicability		Tested Bands/ CA- Configurations Selection	Additional Information
			Condition	Comments		
Transmitter Characteristics						
FFS		FFS	FFS			FDD TDD

Table 4.1.4-1a: Applicability of RF conformance test cases Conditions

FFS

4.2 RRM conformance test cases

NOTE: To determine applicability of a test case, FGI support in combined or fdd-Add-UE-NR-Capabilities or tdd-Add-UE-NR-Capabilities is taken into account.

Table 4.2-1: Applicability of RRM conformance test cases, ref. TS 38.533 [5]

Clause	Title	Release	Applicability		Additional Information		
			Condition	Comments	Number of TC Executions	Release on other RAT	Branch
E-UTRAN RRC_IDLE State Mobility							
FFS		FFS	FFS				

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

FFS

Annex A (informative): FFS

Annex B (informative): Change history

Change history							
Date	Meeting	TDoc	CR	Rev	Cat	Subject/Comment	New version
2017-08	RAN5#76	R5-173911	-	-	-	Draft skeleton	0.0.1
2018-01	RAN5#1-5G-NR Adhoc	R5-180107	-	-	-	Updated after RAN5#1-5G-NR Adhoc : - Foreword, scope, references, definitions, symbols and abbreviations, recommended test case applicability updated - Sub-clause 4.1.1, 4.1.2, 4.1.3 and 4.1.4 added - Change history added	0.1.0
2018-03	RAN5 #78	R5-181687	-	-	-	TP for Clause 4.1.1 Range 1 standalone conformance test cases	0.2.0
2018-03	RAN5 #78	R5-181688	-	-	-	TP for Clause 4.1.2 Range 2 standalone conformance test cases	0.2.0
2018-03	RAN5 #78	R5-181689	-	-	-	TP for Clause 4.1.3 NR interworking between NR range1 and NR range2 and between NR and LTE conformance test cases	0.2.0
2018-04	RAN5#2-5G-NR Adhoc	R5-182013	-	-	-	TP for Clause 3 Definitions, symbols and abbreviations	0.3.0
2018-04	RAN5#2-5G-NR Adhoc	R5-182047	-	-	-	TP for Clause 4 Recommended test case applicability	0.3.0
2018-08	RAN5#80	R5-185209	-	-	-	TP for Clause 4.1.1 of TS 38.522	1.0.1
2018-08	RAN5#80	R5-185210	-	-	-	TP for Clause 4.1.2 of TS 38.522	1.0.1
2018-08	RAN5#80	R5-185211	-	-	-	TP for Clause 4.1.3 of TS 38.522	1.0.1
2018-09	RAN#81	-	-	-	-	raised to v15.0.0 with editorial changes only	15.0.0

History

Document history		
V15.0.0	October 2018	Publication