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**5G;
LTE;
5GS;
User Equipment (UE) conformance specification;
Part 2: Applicability of protocol test cases
(3GPP TS 38.523-2 version 15.5.0 Release 15)**



Reference

RTS/TSGR-0538523-2v15

Keywords

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

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

Siret N° 348 623 562 00017 - NAF 742 C
Association à but non lucratif enregistrée à la
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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:

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.

The present document is part 2 of a multi-part deliverable covering the 5G System (5GS) User Equipment (UE) protocol conformance specification, as identified below:

- 3GPP TS 38.523-1 [2]: "5GS; User Equipment (UE) conformance specification; Part 1: Protocol".
- **3GPP TS 38.523-2: "5GS; User Equipment (UE) conformance specification; Part 2: Applicability of protocol test cases" (the present document).**
- 3GPP TS 38.523-3 [3]: "5GS; User Equipment (UE) conformance specification; Part 3: Protocol Test Suites".

1 Scope

The present document provides the applicability of protocol test cases 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 38.523-1 [2] and 3GPP TS 38.523-3 [3]. These applicability statements are based on the features implemented in the UE.

Special conformance testing functions can be found in 3GPP TS 38.509 [5] and 3GPP TS 36.509 [7] and the common test environments are included in 3GPP TS 38.508-1 [4] and 3GPP TS 36.508 [6].

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] to [10] (void)

[11] 3GPP TS 38.523-2 Release 16: "5GS; User Equipment (UE) conformance specification; Part 2: Applicability of protocol test cases"

3 Definitions, symbols and abbreviations

Void

4 Recommended Test Case Applicability

The requirements of the present document are provided in 3GPP TS 38.523-2 Release 16 [11].

Annex A (informative): Change history

Change history							
Date	Meeting	TDoc	CR	R ev	Cat	Subject/Comment	New version
2017-08	RAN5#76	R5-174402	-	-	-	Introduction of TS 38.523-2	0.0.1
2018-03	RAN5##2 -5G-NR Adhoc	R5-181762	-	-	-	Draft TS 38.523-2 v0.1.0	0.1.0
2018-04	RAN5##2 -5G-NR Adhoc	R5-181837	-	-	-	Draft TS 38.523-2 v0.2.0	0.2.0
2018-04	RAN5##2 -5G-NR Adhoc	R5-181838	-	-	-	Addition of applicability for new 5GS test cases	0.2.0
2018-04	RAN5##2 -5G-NR Adhoc	R5-181210	-	-	-	Add applicability for new NR testcases	0.2.0
2018-04	RAN5##2 -5G-NR Adhoc	R5-180922	-	-	-	Addition of applicability of new NR test cases 7.1.3.2 and 7.3.4.2	0.2.0
2018-04	RAN5##2 -5G-NR Adhoc	R5-180974	-	-	-	Addition of New Layer 2 NR Test Case Applicability	0.2.0
2018-05	RAN5#79	R5-182897	-	-	-	Update to NR test cases applicability	1.0.0
2018-05	RAN5#79	R5-183158	-	-	-	Update to NR Test case applicability	1.0.0
2018-05	RAN5#79	R5-183159	-	-	-	Addition of Layer 2 test case applicabilities and selection expressions	1.0.0
2018-05	RAN5#79	R5-183235	-	-	-	Correction to applicability of NR testcases	1.0.0
2018-05	RAN5#79	R5-183236	-	-	-	Updates to applicability for session management TCs	1.0.0
2018-06	RAN#80	RP-181211	-	-	-	put under revision control as v15.0.0 with small editorial changes	15.0.0
2018-09	RAN#81	R5-184682	0004	-	F	Update of test case title for TC 8.2.5.1.1	15.1.0
2018-09	RAN#81	R5-185157	0005	1	F	Update of NR test cases title and applicability	15.1.0
2018-09	RAN#81	R5-185162	0003	1	F	Addition of missing and new test cases applicabilities	15.1.0
2018-12	RAN#82	R5-186875	0021	-	F	Removal of applicability for RRC SCG failure tests	15.2.0
2018-12	RAN#82	R5-188196	0027	1	F	Addition of test applicabilities for 5GC testcases	15.2.0
2018-12	RAN#82	R5-187499	0029	-	F	Adding applicability of test cases 8.2.2.1.1 and 8.2.2.3.1	15.2.0
2018-12	RAN#82	R5-187799	0022	1	F	Adding applicability for 5G TC TA registration update	15.2.0
2018-12	RAN#82	R5-188103	0033	-	F	Update of applicability and selection expressions	15.2.0
2018-12	RAN#82	R5-188104	0030	1	F	Adding new test case applicability	15.2.0
2018-12	RAN#82	R5-188197	0031	3	F	Update of 5G-NR test cases applicability	15.2.0
2019-03	RAN#83	R5-192033	0043	-	F	Addition of applicability of new 5GC test case 9.1.2.2	15.3.0
2019-03	RAN#83	R5-192707	0044	1	F	Introduction of Non 3GPP Access over WLAN test case applicabilities	15.3.0
2019-03	RAN#83	R5-192809	0040	1	F	Addition of applicability for Inter-RAT measurement and handover	15.3.0
2019-03	RAN#83	R5-192856	0039	2	F	Addition of applicability for NR test case	15.3.0
2019-03	RAN#83	R5-192857	0042	3	F	Update of 5G-NR test cases applicability	15.3.0
2019-06	RAN#84	R5-194891	0054	1	F	Introduction of Non 3GPP Access over WLAN test case applicabilities	15.4.0
2019-06	RAN#84	R5-195371	0046	2	F	Addition of Applicability for test cases	15.4.0
2019-06	RAN#84	R5-195372	0051	2	F	Update of 5G-NR test cases applicability	15.4.0
2021-06	RAN#92	R5-212174	0135	-	F	Removal of technical content in 38.523-2 v15.4.0 and substitution with pointer to the next Release	15.5.0

History

Document history		
V15.0.0	July 2018	Publication
V15.1.0	October 2018	Publication
V15.2.0	April 2019	Publication
V15.3.0	May 2019	Publication
V15.4.0	July 2019	Publication
V15.5.0	August 2021	Publication