



5G;
Internet Protocol (IP) multimedia call control protocol based on
Session Initiation Protocol (SIP)
and Session Description Protocol (SDP);
User Equipment (UE) conformance specification;
Part 5: Protocol conformance specification
using 5G System (5GS)
(3GPP TS 34.229-5 version 15.6.0 Release 15)



Reference

RTS/TSGR-0534229-5vf60

Keywords

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Foreword

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

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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.

In the present document, certain modal verbs have the following meanings:

- shall** indicates a mandatory requirement to do something
- shall not** indicates an interdiction (prohibition) to do something

The constructions "shall" and "shall not" are confined to the context of normative provisions, and do not appear in Technical Reports.

The constructions "must" and "must not" are not used as substitutes for "shall" and "shall not". Their use is avoided insofar as possible, and they are not used in a normative context except in a direct citation from an external, referenced, non-3GPP document, or so as to maintain continuity of style when extending or modifying the provisions of such a referenced document.

- should** indicates a recommendation to do something
- should not** indicates a recommendation not to do something
- may** indicates permission to do something
- need not** indicates permission not to do something

The construction "may not" is ambiguous and is not used in normative elements. The unambiguous constructions "might not" or "shall not" are used instead, depending upon the meaning intended.

- can** indicates that something is possible
- cannot** indicates that something is impossible

The constructions "can" and "cannot" shall not be used as substitutes for "may" and "need not".

- will** indicates that something is certain or expected to happen as a result of action taken by an agency the behaviour of which is outside the scope of the present document
- will not** indicates that something is certain or expected not to happen as a result of action taken by an agency the behaviour of which is outside the scope of the present document
- might** indicates a likelihood that something will happen as a result of action taken by some agency the behaviour of which is outside the scope of the present document

might not indicates a likelihood that something will not happen as a result of action taken by some agency the behaviour of which is outside the scope of the present document

In addition:

is (or any other verb in the indicative mood) indicates a statement of fact

is not (or any other negative verb in the indicative mood) indicates a statement of fact

The constructions "is" and "is not" do not indicate requirements.

Introduction

The present document is the fifth part of a multi-part conformance specification valid for 3GPP Release 15 and later releases:

3GPP TS 34.229-1 [2]: "Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); User Equipment (UE) conformance specification; Part 1: Protocol conformance specification".

3GPP TS 34.229-2 [3]: "Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); User Equipment (UE) conformance specification; Part 2: Implementation Conformance Statement (ICS) proforma specification".

3GPP TS 34.229-3 [4]: "Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); User Equipment (UE) conformance specification; Part 3: Abstract Test Suites (ATS)".

3GPP TS 34.229-4 [5]: "Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); User Equipment (UE) conformance specification; Part 4: Enabler for IP multimedia applications testing".

3GPP TS 34.229-5 (the present document): "Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); User Equipment (UE) conformance specification; Part 5: Protocol conformance specification using 5G System (5GS)".

NOTE 1: The ATS is written in a standard testing language, TTCN-3, as defined in ETSI ES 201 873, Parts 1 to 3 [8], [9] and [10].

NOTE 2: Further information on testing can be found in ETSI ETS 300 406 [11] and ISO/IEC 9646-1 [12].

For at least a minimum set of services, the prose descriptions of test cases will have a matching detailed test case implemented in TTCN-3 (and provided in 3GPP TS 34.229-3 [4]).

1 Scope

The present document specifies the protocol conformance testing for the User Equipment (UE) supporting the Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) when using the 5G System (5GS).

This is the fifth part of a multi-part test specification. The following information can be found in this part:

- the overall test structure;
- the test configurations;
- the conformance requirement and reference to the core specifications;
- the test purposes; and
- the test procedure.

The following information relevant to testing can be found in accompanying specifications:

- Implementation Conformance Statement (ICS) pro-forma and the applicability of each test case [3].

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.
- For a non-specific reference, the latest version applies. In the case of a reference to a 3GPP document (including a GSM document), a non-specific reference implicitly refers to the latest version of that document *in the same Release as the present document*.

[1] to [48] (void)

[49] 3GPP TS 34.229-5 Release 16: "Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); User Equipment (UE) conformance specification; Part 5: Protocol conformance specification using 5G System (5GS)"

3 Definitions of terms, symbols and abbreviations

Void

4 Overview

4.1 Test Methodology

The requirements of the present document are provided in 3GPP TS 34.229-5 Release 16 [49].

5 to 10Void

Annex A: Void

Annex B (informative): Change history

Change history							
Date	Meeting	TDoc	CR	Re v	Cat	Subject/Comment	New version
2019-10	RAN5#85	R5-197746	-	-	-	First draft version V0.1.0 made available	0.1.0
2019-11	RAN5#85	R5-198832	-	-	-	Second draft version V0.2.0 made available, implementing pCRs R5-197934, R5-198899, R5-198239, R5-198240, and R5-198241	0.2.0
2020-06	RAN5#87-e	R5-201458	-	-	-	Third draft version V0.3.0 made available, implementing pCRs R5-202693, R5-202686, R5-202687, R5-202688, R5-202689, R5-202678, R5-202679, R5-202680, R5-202681, R5-202682, R5-202690, R5-202683, R5-202684, R5-202685, R5-202691, R5-202692	0.3.0
2020-06	RAN5#87-e	-	-	-	-	Raised to v15.0.0	15.0.0
2020-09	RAN5#88-e	R5-203437	0004	-	F	Corrections to A.2 on IMS Registration	15.1.0
2020-09	RAN5#88-e	R5-203439	0006	-	F	New generic procedure for MT Call Release	15.1.0
2020-09	RAN5#88-e	R5-203440	0007	-	F	Adding references as needed	15.1.0
2020-09	RAN5#88-e	R5-203441	0008	-	F	Corrections to test cases 7.6 and 7.7	15.1.0
2020-09	RAN5#88-e	R5-203442	0009	-	F	Corrections to test case 6.1	15.1.0
2020-09	RAN5#88-e	R5-203443	0010	-	F	Corrections to test case 6.2	15.1.0
2020-09	RAN5#88-e	R5-203445	0012	-	F	Corrections to test case 6.4	15.1.0
2020-09	RAN5#88-e	R5-203447	0013	-	F	Corrections to test case 6.5	15.1.0
2020-09	RAN5#88-e	R5-203448	0014	-	F	Corrections to test case 6.6	15.1.0
2020-09	RAN5#88-e	R5-203452	0015	-	F	Corrections to test case 6.7	15.1.0
2020-09	RAN5#88-e	R5-203453	0016	-	F	Corrections to test case 6.8	15.1.0
2020-09	RAN5#88-e	R5-203454	0017	-	F	Corrections to test case 6.9	15.1.0
2020-09	RAN5#88-e	R5-203461	0018	-	F	Corrections to MTSI MT Voice Call TC 7.6	15.1.0
2020-09	RAN5#88-e	R5-203462	0019	-	F	Corrections to Annex A.5.1	15.1.0
2020-09	RAN5#88-e	R5-204477	0001	1	F	Addition of IMS NR TC 9.4-MT Concatenated SMS	15.1.0
2020-09	RAN5#88-e	R5-204478	0002	1	F	Addition of IMS NR TC 9.5-MO SMS RP-ERROR	15.1.0
2020-09	RAN5#88-e	R5-204479	0003	1	F	Addition of IMS NR TC 10.1-emergency call with registration and Location	15.1.0
2020-09	RAN5#88-e	R5-204480	0005	1	F	Adding details for A.3 for IMS Emergency Registration	15.1.0
2020-09	RAN5#88-e	R5-204481	0011	1	F	Corrections to test case 6.3	15.1.0
2020-09	RAN5#88-e	R5-204482	0020	1	F	Addition of new IMS 5GS test case 9.1	15.1.0
2020-09	RAN5#88-e	R5-204483	0021	1	F	Addition of new IMS 5GS test case 9.2	15.1.0
2020-09	RAN5#88-e	R5-204484	0022	1	F	New generic IMS procedures for use in EPS fallback	15.1.0
2020-09	RAN5#88-e	R5-204485	0023	1	F	Addition of NR TC 8.18 Barring of All Incoming Calls / except for a specific user / 5GS	15.1.0
2020-09	RAN5#88-e	R5-204486	0024	1	F	Addition of NR TC 9.3 Mobile Originating Concatenated SMS / 5GS	15.1.0
2020-09	RAN5#88-e	R5-204487	0026	1	F	Addition of new IMS test case 8.1	15.1.0
2020-12	RAN5#89-e	R5-205113	0029		F	Corrections to A.9 on EPS Fallback	15.2.0
2020-12	RAN5#89-e	R5-205115	0030		F	Corrections to A.2 and addition of A.10	15.2.0
2020-12	RAN5#89-e	R5-205157	0033		F	Correction to 5GS IMS test case 9.3	15.2.0
2020-12	RAN5#89-e	R5-205158	0034		F	Correction to 5GS IMS test case 9.4	15.2.0
2020-12	RAN5#89-e	R5-205159	0035		F	Correction to 5GS IMS test case 9.5	15.2.0
2020-12	RAN5#89-e	R5-205185	0037		F	New generic procedure for Re-Registration	15.2.0
2020-12	RAN5#89-e	R5-205217	0043		F	Corrections to test case 6.6	15.2.0
2020-12	RAN5#89-e	R5-205219	0044		F	Corrections to A.7	15.2.0
2020-12	RAN5#89-e	R5-205220	0045		F	New References	15.2.0
2020-12	RAN5#89-e	R5-205311	0046		F	Corrections to generic procedure A.4 on MO Voice Call	15.2.0
2020-12	RAN5#89-e	R5-205312	0047		F	Corrections to generic procedure A.5 on MT Voice Call	15.2.0
2020-12	RAN5#89-e	R5-205518	0057		F	Corrections to A.6	15.2.0
2020-12	RAN5#89-e	R5-205585	0063		F	Correction to Clause A.2	15.2.0
2020-12	RAN5#89-e	R5-206287	0031	1	F	Correction to 5GS IMS test case 9.1	15.2.0
2020-12	RAN5#89-e	R5-206372	0032	1	F	Correction to 5GS IMS test case 9.2	15.2.0
2020-12	RAN5#89-e	R5-206373	0036	1	F	New generic procedure for Mobile Initiated De-Registration	15.2.0
2020-12	RAN5#89-e	R5-206374	0038	1	F	Introduction of generic procedures for IMS MO and MT SMS	15.2.0
2020-12	RAN5#89-e	R5-206375	0039	1	F	Addition of MTSI MT Voice Call Test Case 7.8	15.2.0
2020-12	RAN5#89-e	R5-206376	0040	1	F	Addition of MTSI MT Voice Call Test Case 7.9	15.2.0
2020-12	RAN5#89-e	R5-206377	0041	1	F	Addition of MTSI MT Voice Call Test Case 7.11	15.2.0
2020-12	RAN5#89-e	R5-206378	0048	1	F	Editorial correction to add the title of section 10	15.2.0
2020-12	RAN5#89-e	R5-206379	0049	1	F	Addition of IMS NR TC 7.3-MO Voice 421 Extension Required	15.2.0
2020-12	RAN5#89-e	R5-206468	0050	2	F	Addition of IMS NR TC 7.12-MO Voice MO-MT UE with-without preconditions	15.2.0
2020-12	RAN5#89-e	R5-206381	0051	1	F	Addition of IMS NR TC 7.10-MT Voice without preconditions and SDP offer	15.2.0
2020-12	RAN5#89-e	R5-206382	0058	1	F	Update test case 7.4, 7.5, 7.6 and 7.7	15.2.0
2020-12	RAN5#89-e	R5-206383	0060	1	F	Correction to 5GS IMS TC 6.1	15.2.0
2020-12	RAN5#89-e	R5-206384	0062	1	F	Addition of New IMS over 5GS TC 7.2 MTSI MO Voice Call / 504 Server Time-out / 5GS	15.2.0
2020-12	RAN5#89-e	R5-206385	0068	1	F	Addition of new IMS over 5GS TC 7.1 MTSI MO Voice Call / 503 Service Unavailable / 5GS	15.2.0
2020-12	RAN5#89-e	R5-206386	0069	1	F	Correction to 5GS IMS TC 6.7	15.2.0

2021-01	RAN5#89-e	-	-	-	-	History correction for R5-206468. Corrected parts of implementations of R5-206287 and R5-206386	15.2.1
2021-03	RAN5#90-e	R5-210056	0070	-	F	Corrections to A.5 on MT Voice Call	15.3.0
2021-03	RAN5#90-e	R5-210057	0071	-	F	Corrections to test case 6.3	15.3.0
2021-03	RAN5#90-e	R5-210095	0073	-	F	Corrections to test case 6.4	15.3.0
2021-03	RAN5#90-e	R5-210196	0084	-	F	Corrections to SMS test case 9.5	15.3.0
2021-03	RAN5#90-e	R5-210259	0085	-	F	Corrections to A.11	15.3.0
2021-03	RAN5#90-e	R5-210343	0090	-	F	Corrections and extensions to test case 7.4	15.3.0
2021-03	RAN5#90-e	R5-210348	0091	-	F	Adding NG.114 dependencies to Annex A.4	15.3.0
2021-03	RAN5#90-e	R5-210659	0104	-	F	Withdrawing NR IMS TC 7.3-MO voice-UE preconditions enabled but not included in INVITE	15.3.0
2021-03	RAN5#90-e	R5-210882	0114	-	F	Correction to NR IMS TC 7.1-Shorter Retry-after period	15.3.0
2021-03	RAN5#90-e	R5-211334	0072	1	F	Addition of IMS over 5GS test case 7.25	15.3.0
2021-03	RAN5#90-e	R5-211421	0074	1	F	Addition of IMS over 5GS test case 7.27	15.3.0
2021-03	RAN5#90-e	R5-211422	0075	1	F	Addition of IMS over 5GS test case 7.28	15.3.0
2021-03	RAN5#90-e	R5-211423	0076	1	F	Addition of IMS over 5GS test case 7.29	15.3.0
2021-03	RAN5#90-e	R5-211424	0077	1	F	Addition of IMS over 5GS test case 7.30	15.3.0
2021-03	RAN5#90-e	R5-211425	0078	1	F	Addition of IMS over 5GS test case 7.31	15.3.0
2021-03	RAN5#90-e	R5-211426	0079	1	F	Addition of IMS over 5GS test case 7.32	15.3.0
2021-03	RAN5#90-e	R5-211427	0080	1	F	Addition of IMS over 5GS test case 7.33	15.3.0
2021-03	RAN5#90-e	R5-211428	0081	1	F	Addition of IMS over 5GS test case 7.34	15.3.0
2021-03	RAN5#90-e	R5-211429	0083	1	F	Update test case 7.4, 7.5, 7.6 and 7.7	15.3.0
2021-03	RAN5#90-e	R5-211430	0092	1	F	Editorial corrections to TS 34.229-5	15.3.0
2021-03	RAN5#90-e	R5-211431	0094	1	F	Addition of IMS over 5GS TC 7.14	15.3.0
2021-03	RAN5#90-e	R5-211432	0095	1	F	Adding references	15.3.0
2021-03	RAN5#90-e	R5-211433	0096	1	F	Addition of A.15.1 MTSI MO Video Call / with preconditions / 5GS	15.3.0
2021-03	RAN5#90-e	R5-211434	0099	1	F	Correction to IMS over 5GS TC 7.2	15.3.0
2021-03	RAN5#90-e	R5-211435	0100	1	F	Correction to IMS over 5GS TC 7.11	15.3.0
2021-03	RAN5#90-e	R5-211436	0102	1	F	Correction to NR IMS TC 7.10-Content Type not present	15.3.0
2021-03	RAN5#90-e	R5-211437	0103	1	F	Correction to NR IMS A.9.2-Optional UPDATE after EPS fallback	15.3.0
2021-03	RAN5#90-e	R5-211438	0105	1	F	Correction to NR IMS TC 10.1-Conformance requirement update	15.3.0
2021-03	RAN5#90-e	R5-211439	0106	1	F	Addition of NR IMS TC 7.26-MO CAT forking model	15.3.0
2021-03	RAN5#90-e	R5-211440	0107	1	F	Addition of NR IMS TC 8.26-MO hold without announcement	15.3.0
2021-03	RAN5#90-e	R5-211441	0108	1	F	Addition of NR IMS TC 8.28-MT hold without announcement	15.3.0
2021-03	RAN5#90-e	R5-211442	0109	1	F	Addition of NR IMS TC 8.30-Subscription to MWI event	15.3.0
2021-03	RAN5#90-e	R5-211443	0110	1	F	Addition of NR IMS TC 8.31-Creating and leaving conference	15.3.0
2021-03	RAN5#90-e	R5-211444	0111	1	F	Addition of NR IMS TC 8.32-Inviting user to conference by REFER	15.3.0
2021-03	RAN5#90-e	R5-211445	0112	1	F	Addition of NR IMS TC 8.34-Three way session	15.3.0
2021-03	RAN5#90-e	R5-211446	0113	1	F	Addition of NR IMS TC 8.36-MO explicit communication transfer	15.3.0
2021-03	RAN5#90-e	R5-211447	0115	1	F	Addition of new IMS over 5GS TC 8.38 Communication Waiting and cancelling the call / 5GS	15.3.0
2021-06	RAN5#91-e	R5-212047	0116	-	F	Corrections to test case 7.4 regarding NG.114 Profile Requirements	15.4.0
2021-06	RAN5#91-e	R5-212048	0117	-	F	Corrections to generic procedure A.4 on MO Voice Call	15.4.0
2021-06	RAN5#91-e	R5-212060	0118	-	F	New References	15.4.0
2021-06	RAN5#91-e	R5-212076	0119	-	F	Corrections to TC 7.26	15.4.0
2021-06	RAN5#91-e	R5-212104	0121	-	F	Addition of IMS over 5GS test case 7.19	15.4.0
2021-06	RAN5#91-e	R5-212127	0123	-	F	Corrections to TC 6.4	15.4.0
2021-06	RAN5#91-e	R5-212160	0125	-	F	Corrections to TC 7.25	15.4.0
2021-06	RAN5#91-e	R5-212208	0126	-	F	Corrections to TC 7.8	15.4.0
2021-06	RAN5#91-e	R5-212209	0127	-	F	Corrections to TC 7.7	15.4.0
2021-06	RAN5#91-e	R5-212387	0133	-	F	Corrections to TC 10.1	15.4.0
2021-06	RAN5#91-e	R5-212388	0134	-	F	Corrections to A.6	15.4.0
2021-06	RAN5#91-e	R5-213367	0161	-	F	Addition of MTSI MO video call without precondition	15.4.0
2021-06	RAN5#91-e	R5-213520	0120	1	F	Addition of IMS over 5GS test case 7.18	15.4.0
2021-06	RAN5#91-e	R5-213521	0122	1	F	Corrections to TC 7.1	15.4.0
2021-06	RAN5#91-e	R5-213522	0128	1	F	Corrections to TC 8.36	15.4.0
2021-06	RAN5#91-e	R5-213523	0130	1	F	Corrections regarding a=sendrecv and a=inactive	15.4.0
2021-06	RAN5#91-e	R5-213524	0131	1	F	Addition of generic procedure for MT Video Call	15.4.0
2021-06	RAN5#91-e	R5-213525	0132	1	F	Corrections to TC 7.11	15.4.0
2021-06	RAN5#91-e	R5-213526	0135	1	F	Correction to NR IMS TC 8.26-MO hold without announcement	15.4.0
2021-06	RAN5#91-e	R5-213527	0136	1	F	Correction to NR IMS TC 8.28-MT hold without announcement	15.4.0
2021-06	RAN5#91-e	R5-213528	0137	1	F	Correction to NR IMS TC 8.34-Three way session	15.4.0
2021-06	RAN5#91-e	R5-213529	0139	1	F	Addition of NR IMS Generic Procedure A.17-MTSI speech hold or resume	15.4.0
2021-06	RAN5#91-e	R5-213530	0140	1	F	Addition of NR IMS Generic Procedure A.18-MTSI speech hold or resume from SS	15.4.0
2021-06	RAN5#91-e	R5-213531	0141	1	F	Addition of NR IMS Generic Procedure A.19-MTSI conference creation	15.4.0
2021-06	RAN5#91-e	R5-213532	0142	1	F	Addition of NR IMS Generic Procedure A.20-REFER inviting user to conference	15.4.0
2021-06	RAN5#91-e	R5-213533	0162	1	F	Corrections to IMS over 5GS Test Case 7.31 and 7.32	15.4.0
2021-06	RAN5#91-e	R5-213534	0146	1	F	Corrections to IMS over 5GS Test Case 6.2	15.4.0

2021-06	RAN5#91-e	R5-213535	0148	1	F	Clarifications on usage of preconditions	15.4.0
2021-06	RAN5#91-e	R5-213536	0149	1	F	Addition of NR IMS 7.13-MT Voice with RTCP disabled	15.4.0
2021-06	RAN5#91-e	R5-213537	0150	1	F	Addition of NR IMS 7.15-MO Video without preconditions	15.4.0
2021-06	RAN5#91-e	R5-213538	0151	1	F	Addition of NR IMS 7.16-MT Video with preconditions	15.4.0
2021-06	RAN5#91-e	R5-213539	0152	1	F	Addition of NR IMS 7.17-MT Video without preconditions	15.4.0
2021-06	RAN5#91-e	R5-213540	0153	1	F	Addition of NR IMS 7.20-MO Voice-add and remove video-with preconditions	15.4.0
2021-06	RAN5#91-e	R5-213541	0154	1	F	Addition of NR IMS 7.21-MO Voice-add and remove video-without preconditions	15.4.0
2021-06	RAN5#91-e	R5-213542	0155	1	F	Addition of NR IMS 7.23-MT Voice-add and remove video-without preconditions	15.4.0
2021-06	RAN5#91-e	R5-213543	0156	1	F	Addition of NR IMS 7.24-Forking-two responses one cancel	15.4.0
2021-06	RAN5#91-e	R5-213544	0157	1	F	Addition of new IMS over 5GS TC 7.22 MTSI MT Voice Call / add video and remove video / with preconditions at both originating UE and terminating UE / 5GS	15.4.0
2021-06	RAN5#91-e	R5-213545	0160	1	F	Correction to test cases 7.33	15.4.0
2021-06	RAN5#91-e	R5-213674	0147	1	F	Corrections to IMS over 5GS Test Case 7.14	15.4.0
2021-09	RAN5#92-e	R5-214205	0164	-	F	Corrections to IMS5GS test case 6.4	15.5.0
2021-09	RAN5#92-e	R5-214223	0168	-	F	Corrections to IMS5GS test case 7.24	15.5.0
2021-09	RAN5#92-e	R5-214225	0169	-	F	Corrections to IMS5GS Generic Procedures A.7 and A.8	15.5.0
2021-09	RAN5#92-e	R5-214226	0170	-	F	Corrections to IMS5GS test case 7.25	15.5.0
2021-09	RAN5#92-e	R5-214314	0171	-	F	Corrections to IMS5GS test case 7.21	15.5.0
2021-09	RAN5#92-e	R5-214386	0176	-	F	Corrections to IMS5GS Generic Procedure A.15	15.5.0
2021-09	RAN5#92-e	R5-214442	0180	-	F	New generic procedure for activation and de-activation of Supplementary Services	15.5.0
2021-09	RAN5#92-e	R5-214443	0181	-	F	New generic procedure for GAA XCAP authentication	15.5.0
2021-09	RAN5#92-e	R5-214444	0182	-	F	Corrections to IMS5GS test case 7.27	15.5.0
2021-09	RAN5#92-e	R5-214445	0183	-	F	Corrections to IMS5GS test case 7.28	15.5.0
2021-09	RAN5#92-e	R5-214446	0184	-	F	Corrections to IMS5GS test case 7.29	15.5.0
2021-09	RAN5#92-e	R5-214450	0188	-	F	Corrections to IMS over 5GS test case 7.33	15.5.0
2021-09	RAN5#92-e	R5-214451	0189	-	F	Corrections to IMS5GS test case 7.34	15.5.0
2021-09	RAN5#92-e	R5-214812	0190	-	F	Correction to IMS NR A.5.1-adding conf in SDP	15.5.0
2021-09	RAN5#92-e	R5-214813	0191	-	F	Correction to IMS NR A.14-wrong arrows	15.5.0
2021-09	RAN5#92-e	R5-214815	0193	-	F	Correction to IMS NR 8.32-using generic procedures of inviting user to conference	15.5.0
2021-09	RAN5#92-e	R5-214821	0199	-	F	Addition of IMS NR generic procedures-leaving a conference	15.5.0
2021-09	RAN5#92-e	R5-214893	0214	-	F	Corrections to IMS over 5GS TC 7.14	15.5.0
2021-09	RAN5#92-e	R5-215694	0226	-	F	To void the IMS registration test case 6.5	15.5.0
2021-09	RAN5#92-e	R5-215721	0179	1	F	Corrections to IMS5GS test case 8.30	15.5.0
2021-09	RAN5#92-e	R5-215722	0185	1	F	Corrections to IMS5GS test case 7.30	15.5.0
2021-09	RAN5#92-e	R5-215723	0219	1	F	Update test case 7.4	15.5.0
2021-09	RAN5#92-e	R5-216210	0166	1	F	Corrections to IMS5GS test case 7.1	15.5.0
2021-09	RAN5#92-e	R5-216211	0167	1	F	Adding references	15.5.0
2021-09	RAN5#92-e	R5-216212	0173	1	F	Corrections to IMS5GS test case 7.20	15.5.0
2021-09	RAN5#92-e	R5-216213	0174	1	F	Corrections to IMS5GS test case 7.22	15.5.0
2021-09	RAN5#92-e	R5-216214	0175	1	F	Corrections to IMS5GS test case 7.23	15.5.0
2021-09	RAN5#92-e	R5-216215	0177	1	F	Corrections to IMS5GS Generic Procedure A.16	15.5.0
2021-09	RAN5#92-e	R5-216216	0186	1	F	Corrections to IMS5GS test case 7.31	15.5.0
2021-09	RAN5#92-e	R5-216217	0187	1	F	Corrections to IMS5GS test case 7.32	15.5.0
2021-09	RAN5#92-e	R5-216218	0192	1	F	Correction to IMS NR 8.31-using generic procedures of creating and leaving a conference	15.5.0
2021-09	RAN5#92-e	R5-216219	0194	1	F	Addition of IMS NR TC 10.2-emergency call with reg-location unavailable	15.5.0
2021-09	RAN5#92-e	R5-216220	0195	1	F	Addition of IMS NR TC 10.3-emergency call with reg-other IMS in parallel	15.5.0
2021-09	RAN5#92-e	R5-216221	0196	1	F	Addition of IMS NR TC 10.11-new emergency reg after new IP	15.5.0
2021-09	RAN5#92-e	R5-216222	0197	1	F	Addition of IMS NR TC 10.12-uer initiated emergency reg with ongoing dialog	15.5.0
2021-09	RAN5#92-e	R5-216223	0198	1	F	Addition of IMS NR TC 10.13-uer initiated emergency reg-initiates a call	15.5.0
2021-09	RAN5#92-e	R5-216224	0200	1	F	Addition of new 5GS IMS test case 8.27	15.5.0
2021-09	RAN5#92-e	R5-216225	0201	1	F	Addition of new 5GS IMS test case 8.29	15.5.0
2021-09	RAN5#92-e	R5-216226	0202	1	F	Addition of new 5GS IMS test case 8.33	15.5.0
2021-09	RAN5#92-e	R5-216227	0203	1	F	Addition of new 5GS IMS test case 8.35	15.5.0
2021-09	RAN5#92-e	R5-216228	0204	1	F	Addition of new 5GS IMS test case 8.37	15.5.0
2021-09	RAN5#92-e	R5-216229	0205	1	F	Addition of new 5GS IMS test case 8.40	15.5.0
2021-09	RAN5#92-e	R5-216230	0206	1	F	Addition of new 5GS IMS test case 8.41	15.5.0
2021-09	RAN5#92-e	R5-216231	0207	1	F	Addition of new 5GS IMS test case 10.14	15.5.0
2021-09	RAN5#92-e	R5-216232	0208	1	F	Addition of new 5GS IMS test case 10.15	15.5.0
2021-09	RAN5#92-e	R5-216233	0209	1	F	Addition of new 5GS IMS generic procedure A.24	15.5.0
2021-09	RAN5#92-e	R5-216234	0210	1	F	Addition of new 5GS IMS generic procedure A.25	15.5.0
2021-09	RAN5#92-e	R5-216235	0211	1	F	Addition of new 5GS IMS generic procedure A.26	15.5.0

2021-09	RAN5#92-e	R5-216236	0213	1	F	Corrections to IMS over 5GS TCs 8.1 and 8.18	15.5.0
2021-09	RAN5#92-e	R5-216237	0215	1	F	Addition of new IMS over 5GS TC 10.6 Non-UE detectable emergency call / IM CN sends 380 with an Alternative Service / Previous emergency IMS registration not expired / 5GS	15.5.0
2021-09	RAN5#92-e	R5-216238	0218	1	F	Update to Re-Registration test case 6.6	15.5.0
2021-09	RAN5#92-e	R5-216240	0223	1	F	Addition of test case 10.4	15.5.0
2021-09	RAN5#92-e	R5-216241	0224	1	F	Addition of test case 10.9	15.5.0
2021-09	RAN5#92-e	R5-216242	0225	1	F	Correction to IMS video call test case 7.15	15.5.0
2021-12	RAN5#93-e	R5-217151	0273	-	F	Removal of technical content in 34.229-5 v15.5.0 and substitution with pointer to the next Release	15.6.0

History

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