# ETSI TS 138 533 V15.2.0 (2021-08)



5G; NR;

User Equipment (UE) conformance specification; Radio Resource Management (RRM) (3GPP TS 38.533 version 15.2.0 Release 15)



# Reference RTS/TSGR-0538533vf20 Keywords 5G

#### **ETSI**

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 Sous-Préfecture de Grasse (06) N° 7803/88

#### Important notice

The present document can be downloaded from: http://www.etsi.org/standards-search

The present document may be made available in electronic versions and/or in print. The content of any electronic and/or print versions of the present document shall not be modified without the prior written authorization of ETSI. In case of any existing or perceived difference in contents between such versions and/or in print, the prevailing version of an ETSI deliverable is the one made publicly available in PDF format at <a href="https://www.etsi.org/deliver">www.etsi.org/deliver</a>.

Users of the present document should be aware that the document may be subject to revision or change of status.

Information on the current status of this and other ETSI documents is available at <a href="https://portal.etsi.org/TB/ETSIDeliverableStatus.aspx">https://portal.etsi.org/TB/ETSIDeliverableStatus.aspx</a>

If you find errors in the present document, please send your comment to one of the following services: https://portal.etsi.org/People/CommitteeSupportStaff.aspx

#### **Copyright Notification**

No part may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm except as authorized by written permission of ETSI.

The content of the PDF version shall not be modified without the written authorization of ETSI.

The copyright and the foregoing restriction extend to reproduction in all media.

© ETSI 2021. All rights reserved.

**DECT™**, **PLUGTESTS™**, **UMTS™** and the ETSI logo are trademarks of ETSI registered for the benefit of its Members. **3GPP™** and **LTE™** are trademarks of ETSI registered for the benefit of its Members and of the 3GPP Organizational Partners.

oneM2M<sup>™</sup> logo is a trademark of ETSI registered for the benefit of its Members and of the oneM2M Partners.

GSM® and the GSM logo are trademarks registered and owned by the GSM Association.

# Intellectual Property Rights

#### **Essential patents**

IPRs essential or potentially essential to normative deliverables may have been declared to ETSI. The information pertaining to these essential IPRs, if any, is publicly available for **ETSI members and non-members**, and can be found in ETSI SR 000 314: "Intellectual Property Rights (IPRs); Essential, or potentially Essential, IPRs notified to ETSI in respect of ETSI standards", which is available from the ETSI Secretariat. Latest updates are available on the ETSI Web server (https://ipr.etsi.org/).

Pursuant to the ETSI IPR Policy, no investigation, including IPR searches, has been carried out by ETSI. No guarantee can be given as to the existence of other IPRs not referenced in ETSI SR 000 314 (or the updates on the ETSI Web server) which are, or may be, or may become, essential to the present document.

#### **Trademarks**

The present document may include trademarks and/or tradenames which are asserted and/or registered by their owners. ETSI claims no ownership of these except for any which are indicated as being the property of ETSI, and conveys no right to use or reproduce any trademark and/or tradename. Mention of those trademarks in the present document does not constitute an endorsement by ETSI of products, services or organizations associated with those trademarks.

# **Legal Notice**

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

The present document may refer to technical specifications or reports using their 3GPP identities. These shall be interpreted as being references to the corresponding ETSI deliverables.

The cross reference between 3GPP and ETSI identities can be found under http://webapp.etsi.org/key/queryform.asp.

## Modal verbs terminology

In the present document "shall", "shall not", "should", "should not", "may", "need not", "will", "will not", "can" and "cannot" are to be interpreted as described in clause 3.2 of the <u>ETSI Drafting Rules</u> (Verbal forms for the expression of provisions).

"must" and "must not" are NOT allowed in ETSI deliverables except when used in direct citation.

# Contents

Intell	ectual Property Rights		2
_			
1	Scope		5
2			
3	Definitions, symbols	and abbreviations	5
3A 3A.1	Requirements for the	support of RRM	5
4 to 7	Void		5
Anne	ex A to H:	Void	6
Anne	ex I (informative):	Change history	
	,		

### **Foreword**

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

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

Version x.y.z

#### where:

- x the first digit:
  - 1 presented to TSG for information;
  - 2 presented to TSG for approval;
  - 3 or greater indicates TSG approved document under change control.
- y the second digit is incremented for all changes of substance, i.e. technical enhancements, corrections, updates, etc.
- z the third digit is incremented when editorial only changes have been incorporated in the document.

# 1 Scope

The present document specifies the measurement procedures for the conformance test of the user equipment (UE) that contain requirements for support of RRM (Radio Resource Management) as part of the 5G New Radio (5G-NR). This document covers NR Range 1, NR Range 2 and Interworking.

The requirements are listed in different clauses only if the corresponding parameters deviate. More generally, tests are only applicable to those mobiles that are intended to support the appropriate functionality. To indicate the circumstances in which tests apply, this is noted in the "test applicability" part of the test.

For example, only Release 15 and later UE declared to support NR shall be tested for this functionality. In the event that for some tests different conditions apply for different releases, this is indicated within the text of the test itself.

### 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 [31] (void)

[32] 3GPP TS 38.533 Release 16: "NR; User Equipment (UE) conformance specification; Radio Resource Management (RRM) "

# 3 Definitions, symbols and abbreviations

Void

# 3A Requirements for the support of RRM

#### 3A.1 General

The requirements of the present document are provided in 3GPP TS 38.533 Release 16 [32].

### 4 to 7 Void

# Annex A to H: Void

# Annex I (informative): Change history

						Change history	
Date	Meeting	TDoc	CR	Rev	Cat	Subject/Comment	New
							version
2017-08	RAN5#76		-	-	-	Introduction of TS 38.533	0.0.1
2018-08			-	-	-	Added specification structure including headers up to third level	0.0.2
2018-11	RAN5#81	R5-186706	-	-	-	Added references and common sections	0.1.0
2018-11	RAN5#81	R5-187847	-	-	-	Added RMCs, OCGN, SMTC and SSB configurations to Annex A	0.1.0
2018-11	RAN5#81	R5-187996	-	-	-	Added test cases 6.7.1.1.1 to 6.7.1.2.2	0.1.0
2018-11	RAN5#81	R5-187997	-	-	-	Added test cases 4.6.2.1 to 4.6.2.8	0.1.0
2018-11	RAN5#81	R5-187998	-	-	-	Added test cases 5.6.2.1 to 5.6.2.4	0.1.0
2018-11	RAN5#81	R5-187999	-	-	-	Added test cases 6.6.2.1 to 6.6.2.8	0.1.0
2018-11	RAN5#81	R5-188000	-	+	-	Added test cases 7.6.2.1 to 7.6.2.4	0.1.0
2018-11	RAN5#81	R5-188001	-		_	Added test case 4.4.1.1	0.1.0
2018-11		R5-188002		<b>├</b> -	H	Added test cases 4.4.1.1 Added test cases 4.7.1.1.1 to 4.7.1.2.2	0.1.0
	RAN5#81		-	<del>  -</del>			
2018-11	RAN5#81	R5-188005	-	-	-	Added Annexes B to H	0.1.0
2018-11	RAN5#81	R5-188011	-	-	-	Added test case 4.4.3.1	0.1.0
2019-01	RAN5#4 5G-NR AH	R5-190448	-	-	-	Updating FR1 MU for timing measurements	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190476	-	-	-	Addition of band group power offsets	0.2.0
2019-01	RAN5#4 5G-NR	R5-190477	_	_	_	Update of the annexes	0.2.0
2040.04	AH	R5-190478			_	Changes to 4.7.4 v tests	0.0.0
2019-01	RAN5#4 5G-NR AH	R5-190478	-	-	-	Changes to 4.7.1.x tests	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190479	-	-	-	Addition of 4.7.2.x tests	0.2.0
2019-01	RAN5#4 5G-NR	R5-190480	-	-	-	Addition of 4.7.4.x tests	0.2.0
2019-01	AH RAN5#4 5G-NR AH	R5-190481	-	-	-	Changes to 6.7.1.x tests	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190482	-	-	-	Addition of 6.7.2.x tests	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190483	-	-	-	Addition of 6.7.4.x tests	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190512	-	-	-	Addition of EN-DC FR1 radio link monitoring out-of-sync test for PSCell configured with CSI-RS-based RLM RS in non-DRX mode test case 4.5.1.5	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190513	-	-	-	Addition of EN-DC FR1 radio link monitoring in-sync test for PSCell configured with CSI-RS-based RLM RS in non-DRX mode test case 4.5.1.6	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190514	-	-	-	Addition of EN-DC FR1 radio link monitoring out-of-sync test for PSCell configured with CSI-RS-based RLM RS in DRX mode test case 4.5.1.7	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190515	-	-	-	Addition of EN-DC FR1 radio link monitoring in-sync test for PSCell configured with CSI-RS-based RLM RS in DRX mode test case 4.5.1.8	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190516	-	-	-	Addition of EN-DC FR1 interruptions at transitions between active and non-active during DRX in synchronous EN-DC test case 4.5.2.1	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190517	-	-	-	Addition of EN-DC FR1 interruptions at transitions between active and non-active during DRX in asynchronous EN-DC test case 4.5.2.2	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190518	-	-	-	Addition of EN-DC FR1 interruptions during measurements on deactivated NR SCC in synchronous EN-DC test case 4.5.2.3	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190519	-	-	-	Addition of EN-DC FR1 interruptions during measurements on deactivated NR SCC in asynchronous EN-DC test case 4.5.2.4	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190520	-	-	-	Addition of EN-DC FR1 interruptions during measurements on deactivated E-UTRAN SCC in synchronous EN-DC test case 4.5.2.5	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190582	-	-	-	Annex F correction	0.2.0

2019-01	RAN5#4	R5-190803				Update Annex G in TS 38.533	0.2.0
2010.01	5G-NR AH	DE 100071	-	-	-	ALE: AND A COLD IN THE COLD IN	0.00
2019-01	RAN5#4 5G-NR AH	R5-190874	-	-	-	Addition of NR test case 6.6.1.1-reporting without gap non-DRX	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190875	-	-	-	Addition of NR test case 6.6.1.2-reporting without gap DRX	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190876	-	-	-	Addition of NR test case 6.6.1.3-with gap non DRX	0.2.0
2019-01	RAN5#4 5G-NR	R5-190877	-	-	-	Addition of NR test case 6.6.1.4-with gap DRX	0.2.0
2019-01	AH RAN5#4 5G-NR	R5-190878	-	-	-	Addition of NR test case 6.6.1.5-without gap non DRX SBI reading	0.2.0
2019-01	AH RAN5#4 5G-NR	R5-190879	-	-	-	Addition of NR test case 6.6.1.6-with gap non DRX SBI reading	0.2.0
2019-01	AH RAN5#4 5G-NR	R5-190880	-	-	-	CR to 38.533 annex for event triggered reorting test cases	0.2.0
2019-01	AH RAN5#4 5G-NR	R5-190881	-	-	-	Addition of EN-DC FR1 event triggered reporting test case 4.6.1.5	0.2.0
2019-01	AH RAN5#4 5G-NR	R5-190882	-	-	-	Addition of EN-DC FR1 event triggered reporting test case 4.6.1.6	0.2.0
2019-01	AH RAN5#4 5G-NR AH	R5-190883	-	-	-	Addition of EN-DC FR1 event triggered reporting test case 4.6.1.3	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190884	-	-	-	Addition of EN-DC FR1 event triggered reporting test case 4.6.1.4	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190885	-	-	-	Addition of defualt config for event triggered test cases	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190886	-	-	-	Introduction of 5G RRM TC 4.5.3.1	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190887	-	-	-	Introduction of 5G RRM TC 4.5.3.2	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190888	-	-	-	Introduction of 5G RRM TC 4.5.3.3	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190889	-	-	-	Introduction of 5G RRM TC 4.6.1.1	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190890	-	-	-	Introduction of 5G RRM TC 4.6.1.2	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190891	-	-	-	Introduction of 5G RRM TC 5.5.3.1	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190892	-	-	-	Introduction of 5G RRM TC 6.6.3.1	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190893	-	-	-	pCR for Addition of TC 6.5.1.3 NR SA FR1 RLM OOS in DRX	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190894	-	-	-	pCR for Addition of TC 6.4.3.1 NR SA FR1 TAA Accuracy	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190895	-	-	-	pCR for Modification of TC 4.4.3.1 EN-DC FR1 TAA accuracy	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190896	-	-	-	pCR for Addition of TC 6.5.1.1 NR SA FR1 RLM OOS	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190897	-	-	-	pCR for Addition of TC 4.5.1.1 EN-DC FR1 RLM OOS	0.2.0

2019-01	RAN5#4 5G-NR AH	R5-190898	-	-	-	pCR for Addition of TC 4.5.1.3 EN-DC FR1 RLM OOS in DRX	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190899	-	-	-	Update to EN-DC FR1 transmit timing accuracy test	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190900	-	-	-	Addition of EN-DC FR1 RLM IS non-DRX test with SSB-based RLM RS	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190901	-	-	-	Addition of EN-DC FR1 RLM IS DRX test with SSB-based RLM RS	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190902	-	-	-	Addition of NR SA FR1 RLM IS non-DRX test with SSB-based RLM RS	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190903	-	-	-	Addition of NR SA FR1 RLM IS DRX test with SSB-based RLM RS	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190904	-	-	-	Correction of RRM 5G Test Cases 4.6.2 - EN-DC FR1-FR1 Inter- frequency measurements	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190905	-	-	-	Correction of RRM 5G Test Cases 6.6.2 - NR SA FR1-FR1 Inter- frequency measurements	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190906	-	-	-	Correction of RRM 5G Test Cases 7.6.2 - NR SA FR2-FR2 Inter- frequency measurements	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190907	-	-	-	Addition of RRM Test Cases 4.5.2.6: EN-DC FR1 interruptions during measurements on deactivated E-UTRAN SCC in asynchronous EN-DC	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190908	-	-	-	Addition of RRM Test Cases 5.5.2.1: EN-DC FR2 interruptions at transitions between active and non-active during DRX in synchronous EN-DC	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190909	-	-	-	Addition of RRM Test Cases 5.5.2.2: EN-DC FR2 interruptions at transitions between active and non-active during DRX in asynchronous EN-DC	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190910	-	-	-	Addition of RRM Test Cases 5.5.2.3: EN-DC FR2 interruptions during measurements on deactivated NR SCC in synchronous EN-DC	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190911	-	-	-	Addition of RRM Test Cases 5.5.2.4: EN-DC FR2 interruptions during measurements on deactivated NR SCC in asynchronous EN-DC	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190912	-	-	-	Addition of RRM Test Cases 5.5.2.5: EN-DC FR2 interruptions during measurements on deactivated E-UTRAN SCC in synchronous EN-DC	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190913	=	-	-	Addition of RRM Test Cases 5.5.2.6: EN-DC FR2 interruptions during measurements on deactivated E-UTRAN SCC in asynchronous EN-DC	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190914	=	-	-	Addition of RRM Test Cases 6.1.1.1: NR SA FR1 cell re-selection	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190915	ı	-	-	Addition of RRM Test Cases 6.1.1.2: NR SA FR1-FR1 cell reselection	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190916	-	-	-	Addition of cell re-selection to higher priority E-UTRAN test case 6.1.2.1	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190917	-	-	-	Addition of cell re-selection to lower priority E-UTRAN test case 6.1.2.2	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190918	-	-	-	Addition of SA NR to E-UTRAN handover test case 6.3.1.4	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190919	-	-	-	Addition of SA NR to E-UTRAN handover test case 6.3.1.5	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190920	-	-	-	Addition of NR SA FR1 UE UL carrier RRC reconfiguration delay test case 6.5.4.1	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190921	-	-	-	Addition of NR SA FR1 CSI-RS based RLM out-of-sync non-DRX test case 6.5.1.5	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190922	-	-	-	Addition of NR SA FR1 CSI-RS based RLM in-sync non-DRX test case 6.5.1.6	0.2.0

2019-01	RAN5#4	R5-190923			_	Addition of NR SA FR1 CSI-RS based RLM out-of-sync in DRX test	0.2.0
0040.04	5G-NR AH	DE 400001	-	-	-	case 6.5.1.7	0.00
2019-01	RAN5#4 5G-NR AH	R5-190924	-	-	-	Addition of NR SA FR1 CSI-RS based RLM in-sync in DRX test case 6.5.1.8	0.2.0
2019-01	RAN5#4 5G-NR AH	R5-190987	1	-	-	38.533 Common Section updates to clarify leverage across architecture options	0.2.0
2019-03	RAN5#82	R5-191484	-	•	-	Correction Annex G	0.3.0
		<u>R5-191485</u>	-	-	-	Correction NSA Options	0.3.0
	RAN5#82		-	-	-	Modifications NSA FR1 SS-RSRP tests	0.3.0
			-	-	-	Modifications NSA FR1 SS-RSRQ tests	0.3.0
			-	-	-	Modifications NSA FR1 L1-RSRP tests	0.3.0
	RAN5#82		-	-	-	Modifications SA FR1 SS-RSRP tests	0.3.0
	RAN5#82	R5-191490 R5-191491	-	-	-	Modifications SA FR1 SS-RSRQ tests  Modifications SA FR1 L1-RSRP tests	0.3.0
		R5-191492	-		_	Addition NSA FR1 BWP switch tests	0.3.0
	RAN5#82		_	_	-	Addition SA FR1 BWP switch tests	0.3.0
			-	-	-	Addition NSA FR2 BWP switch tests	0.3.0
		R5-191495	-	-	-	Addition SA FR2 BWP switch tests	0.3.0
	RAN5#82		-	-	-	addition of cell mapping for BFD and measurement	0.3.0
2019-03	RAN5#82	R5-191924	-	-	-	Correction of default message contents for RRM	0.3.0
2019-03	RAN5#82	R5-191926		_	_	Addition of event-triggered reporting Test Cases to Cell configuration	0.3.0
						mapping in Annex E	
		R5-191930	-	-	-	Correction of 5G RRM Test Case 4.6.2.3	0.3.0
			-	-	-	Correction of 5G RRM Test Case 4.6.2.4	0.3.0
		R5-191934	-	-	-	Correction of 5G RRM Test Case 4.6.2.7	0.3.0
		R5-191935 R5-191936	-	-	-	Correction of 5G RRM Test Case 4.6.2.8  Addition of Minimum conformance requirements 5.6.2.0	0.3.0
		R5-191937	-	-	-	Correction of 5G RRM Test Case 5.6.2.1	0.3.0
			-		-	Correction of 5G RRM Test Case 5.6.2.2	0.3.0
		R5-191939			-	Correction of 5G RRM Test Case 5.6.2.3	0.3.0
		R5-191940	-	_	-	Correction of 5G RRM Test Case 5.6.2.4	0.3.0
		R5-191945	-	-	-	Addition of Minimum conformance requirements 7.6.2.0	0.3.0
		R5-191946	-	-	-	Correction of 5G RRM Test Case 7.6.2.1	0.3.0
2019-03	RAN5#82	R5-191947	-	-	-	Correction of 5G RRM Test Case 7.6.2.2	0.3.0
	RAN5#82		-	-	-	Correction of 5G RRM Test Case 7.6.2.3	0.3.0
		R5-191949	-	-	-	Correction of 5G RRM Test Case 7.6.2.4	0.3.0
			-	-	-	Correction of 5G RRM Test Case 7.6.2.5	0.3.0
	RAN5#82		-	-	-	Correction of 5G RRM Test Case 7.6.2.6	0.3.0
		R5-191952	-	-	-	Correction of 5G RRM Test Case 7.6.2.7	0.3.0
		R5-191953 R5-192062	-	-	-	Correction of 5G RRM Test Case 7.6.2.8	0.3.0
		R5-192062 R5-192063	-	-	-	Update of EN-DC FR1 event triggered reporting test case 4.6.1.6  Update of EN-DC FR1 event triggered reporting test case 4.6.1.3	0.3.0
		R5-192064			-	Update of EN-DC FR1 event triggered reporting test case 4.6.1.3	0.3.0
		R5-192221	_	_	-	Update on RRC_Connected generic procedure within RRM tests	0.3.0
	RAN5#82					Introduction of FR1 EN-DC Contention based random access Test	0.3.0
2019-03	RAN5#82	R5-192478	-	-	-	case Introduction of FR1 EN-DC non-Contention based random access	0.3.0
20.000			•	ı	-	Test case	0.0.0
2019-03	RAN5#82	R5-192479	-	-	-	Introduction of FR1 standalone Contention based random access Test case	0.3.0
2019-03	RAN5#82	R5-192480	ı		-	Introduction of FR1 standalone Non-contention based random access Test case	0.3.0
		R5-192481	-	-	-	Updated to 5G RRM TC 4.6.1.1	0.3.0
		R5-192482	-	-	-	Updated to 5G RRM TC 4.6.1.2	0.3.0
		R5-192483	-	-	-	Addition of NR test case 6.7.1.3.1-absolute RSRP	0.3.0
			-	-	-	Addition of NR test case 6.7.1.3.2-relative RSRP	0.3.0
	RAN5#82	R5-192485	-	-	-	Addition of NR test case 6.5.5.3 FR1 CSI-RS BFD nonDRX	0.3.0
	RAN5#82		-	-	-	Addition of NR test case 6.5.5.4 FR1 CSI-RS BFD DRX	0.3.0
	RAN5#82 RAN5#82	R5-192487 R5-192488	-	-	-	Addition of NR test case 7.5.5.1 FR2 SSB BFD nonDRX Addition of NR test case 7.5.5.2 FR2 SSB BFD DRX	0.3.0
	RAN5#82	R5-192489	-	-	-	Addition of NR test case 7.5.5.2 FR2 SSB BFD DRX  Addition of NR test case 7.5.5.3 FR2 CSI-RS BFD nonDRX	0.3.0
2019-03	RAN5#82	R5-192469	-	-	-	Addition of NR test case 7.5.5.4 FR2 CSI-RS BFD DRX	0.3.0
	RAN5#82		-	_	-	Correction of 5G RRM Test Case 4.6.2.1	0.3.0
	RAN5#82	R5-192493	-	-	-	Correction of 5G RRM Test Case 4.6.2.2	0.3.0
	RAN5#82	R5-192494	-	-	-	Correction of 5G RRM Test Case 4.6.2.5	0.3.0
2019-03	RAN5#82	R5-192495				Correction of 5G RRM Test Case 4.6.2.6	0.3.0
	RAN5#82		-	-	-	Correction of 5G RRM Test Case 6.6.2.1	0.3.0
	RAN5#82		-	-	-	Correction of 5G RRM Test Case 6.6.2.2	0.3.0
2019-03	RAN5#82	R5-192498	-	-	-	Correction of 5G RRM Test Case 6.6.2.3	0.3.0

2919-03 RANSBEZ RF-192500 Correction of SG RRM Tree1 Case B.G.2.4 9.3.0 2019-05 RANSBEZ RF-192500								
2019-03   RANSBEZ R5-192676	2019-03	RAN5#82	R5-192499	-	-	-	Correction of 5G RRM Test Case 6.6.2.4	0.3.0
2019-03   RANNSEZ RF-198676     Update to EN-DC FRI RLM IS On/DRX test with SSB-based RLM   0.3.0	2019-03	RAN5#82	R5-192500	-	-	-	Update of EN-DC FR1 event triggered reporting test case 4.6.1.5	0.3.0
2019-03   RANNSEZ RF-198676     Update to EN-DC FRI RLM IS On/DRX test with SSB-based RLM   0.3.0	2019-03	RAN5#82	R5-192503	-	-	-	Update to EN-DC FR1 transmit timing accuracy test	0.3.0
2019-03   RANSB82   R5-192676   -     Update to EN-DC FR1 RLM IS DRX test with SSB-based RLM RS   0.3.0								
2019-03   RANS#82   R5-192675				-	-	-	· ·	
2019-03   RANS#82   RS-192676	2019-03	RAN5#82	R5-192675	_	_	_		030
2019-03   RANS#82   RS-192677   -   -   Dydate to NR SA FR1 RLM IS DRX test with SSB-based RLM RS   0.3.0								
2019-03   RANSBEQ R. 192677   -   -   Update to NR SA FRI RLM IS DRX test with SSB-based RLM RS   0.3.0   2019-03   RANB83   R-190161   -   -   -   PR for modification of TAAR TC for ENDC FRI C 1   2019-05   RANB83   -   -   -   -   -   PR sented to the RANB83 plenary for 1-step approval   1.0.0   2019-06   RANB84   R-193787   0100   -   F   Update the test case number of TC 4.3.2.2   15.1.0   2019-06   RANB84   R-193785   0102   -   F   Update of ENDC RLM in-sync in non-DRX test case 4.5.1.6   15.1.0   2019-06   RANB84   R-193785   0104   -   F   Update of ENDC RLM in-sync in non-DRX test case 4.5.1.6   15.1.0   2019-06   RANB84   R-193786   0106   -   F   Update of ENDC RLM in-sync in non-DRX test case 4.5.1.8   15.1.0   2019-06   RANB84   R-193786   0107   -   F   Addition of Minimum conformance requirements 5.3.2   15.1.0   2019-06   RANB84   R-1938786   0107   -   F   Addition of Minimum conformance requirements 5.3.2   15.1.0   2019-06   RANB84   R-1938786   0108   -   F   Addition of Minimum conformance requirements 5.3.2   15.1.0   2019-06   RANB84   R-1938786   0110   -   F   Addition of Minimum conformance requirements 5.3.2   15.1.0   2019-06   RANB84   R-1938786   0111   -   F   Addition of Minimum conformance requirements 5.3.2   15.1.0   2019-06   RANB84   R-1938786   0112   -   F   Addition of Minimum conformance requirements 5.3.2   15.1.0   2019-06   RANB84   R-1938786   0112   -   F   Addition of Minimum conformance requirements 5.3.2   15.1.0   2019-06   RANB84   R-1938786   0112   -   F   Addition of Minimum conformance requirements 5.2   15.1.0   2019-06   RANB84   R-1938786   0112   -   F   Addition of Minimum conformance requirements 5.2   15.1.0   2019-06   RANB84   R-1938786   0112   -   F   Addition of Minimum conformance requirements 5.5   15.1.0   2019-06   RANB84   R-1938786   0112   -   F   Update of TC 6.5.1.5 SA FRI CSLRS RLM IS DRX   15.1.0   2019-06   RANB84   R-1938786   0112   -   F   Update of TC 6.5.1.5 SA FRI CSLRS RLM IS DRX   15.1.0   2019-06   RANB84   R-1938786   011	2019-03	KANS#62	K3-192076	-	-	-	· ·	0.3.0
2019-03   RANS#82 RF-19076     PCR for modification of TAAA TC for ENDC FRT	0040.00	DANE #00	DE 400077				-	0.0.0
2019-03   RANN#83   F-190161   -   -   -   Presented to the RANN#3 plenary for 1-step approval   1.0.0   2019-06   RANN#8   F-193578   0100   -   F   Update of Infinitiums conformance requirements 6.6.1.0   15.1.0   2019-06   RANN#4   R5-193578   0102   -   F   Update of Infinitiums conformance requirements 6.6.1.0   15.1.0   2019-06   RANN#4   R5-193578   0104   -   F   Update of Infinitiums conformance requirements 6.6.1.0   15.1.0   2019-06   RANN#4   R5-193578   0105   -   F   Update of END-OR RM in-sync in non-DRX test case 4.5.1.8   15.1.0   2019-06   RANN#4   R5-193578   0106   -   F   Update of END-OR RM in-sync in DRX test case 4.5.1.8   15.1.0   2019-06   RANN#4   R5-193578   0107   -   F   Addition of Non-Indinums conformance requirements 6.3.2   15.1.0   2019-06   RANN#4   R5-193578   0109   -   F   Addition of Non-In-RT retreatable inhernet test case as 6.3.2   12.2   2019-06   RANN#4   R5-193578   0109   -   F   Addition of Non-In-RT retreatable inhernet test case as 6.3.2   12.2   2019-06   RANN#4   R5-193578   0110   -   F   Addition of Non-In-RT retreatable inhernet test case as 6.3.2   12.2   2019-06   RANN#4   R5-193578   0111   -   F   Addition of Non-In-RT retreatable inhernet test case as 6.3.2   12.2   2019-06   RANN#4   R5-193578   0111   -   F   Addition of Non-In-RT retreatable inhernet test case as 6.3.2   12.2   2019-06   RANN#4   R5-193578   0112   -   F   Update of TC 6.5.1.5 & PRT CSI-RS RLM OOS non-DRX   15.1.0   2019-06   RANN#4   R5-193578   0113   -   F   Update of TC 6.5.1.5 & PRT CSI-RS RLM IS non-DRX   15.1.0   2019-06   RANN#4   R5-193578   0114   -   F   Update of TC 6.5.1.5 & PRT CSI-RS RLM IS non-DRX   15.1.0   2019-06   RANN#4   R5-193578   0115   -   F   Update of TC 6.5.1.5 & PRT CSI-RS RLM IS non-DRX   15.1.0   2019-06   RANN#4   R5-193578   0115   -   F   Update of TC 6.5.1.5 & PRT CSI-RS RLM IS non-DRX   15.1.0   2019-06   RANN#4   R5-193578   0115   -   F   Update of TC 6.5.1.5 & PRT CSI-RS RLM IS non-DRX   15.1.0   2019-06   RANN#4   R5-193578   0115   -   F				-	-	-	'	
2019-06   RANME4   R5-19375   0100   -     -     Update of the lest case number of TC 4.3.2.2   15.1.0	2019-03	RAN5#82				-		0.3.0
2019-06   RANME4   R5-193755   0102   F   Uodate to Minimum conformance requirements 6.6.1.0   15.1.0   2019-06   RANME4   R5-193755   0102   F   Uodate of EN-DC RIAM U-0-Symc in DRX test case 4.5.1.6   15.1.0   2019-06   RANME4   R5-193750   0105   F   Uodate of EN-DC RIAM U-0-Symc in DRX test case 4.5.1.8   15.1.0   2019-06   RANME4   R5-193760   0106   F   Uodate of EN-DC RIAM U-0-Symc in DRX test case 4.5.1.8   15.1.0   2019-06   RANME4   R5-193760   0106   F   Uodate of EN-DC RIAM U-0-Symc in DRX test case 4.5.1.8   15.1.0   2019-06   RANME4   R5-193760   0107   F   Addition of Minimum conformance requirements 6.3.2   15.1.0   2019-06   RANME4   R5-193762   0109   F   Addition of FRI-RIR Connection release with redirection test case   15.1.0   2019-06   RANME4   R5-193765   0110   F   Addition of FRI-RIR Connection release with redirection test case   15.1.0   2019-06   RANME4   R5-193765   0111   F   Addition of FRI-RIR Connection release with redirection test case   15.1.0   2019-06   RANME4   R5-193765   0111   F   Addition of FRI-RIR Connection release with redirection test case   15.1.0   2019-06   RANME4   R5-193766   0112   F   ED-DEST CONTROLL   ED-DEST CONT	2019-03	RAN#83	RP-190161	-	-	-	Presented to the RAN#83 plenary for 1-step approval	1.0.0
2019-06   RANIB4 R5-193756   0104   F   Update of RND-DC RLM insyme in non-DRX sets case 4.5.1.6   15.1.0   2019-06   RANIB4 R5-193759   0105   F   Update of EN-DC RLM insyme in non-DRX sets case 4.5.1.7   15.1.0   2019-06   RANIB4 R5-193759   0106   F   Update of EN-DC RLM insyme in DRX test case 4.5.1.7   15.1.0   2019-06   RANIB4 R5-193761   0107   F   Addition of Minimum conformance requirements 6.3.2   15.1.0   2019-06   RANIB4 R5-193763   0108   F   Addition of NR RRM TC 6.3.2.1.1-intra Fine RRC Re-establishment   15.1.0   2019-06   RANIB4 R5-193763   0109   F   Addition of FR1-RT (re-establishment test case 6.3.2.1.2   15.1.0   2019-06   RANIB4 R5-193765   0111   F   Addition of FR1-RT (re-establishment test case 6.3.2.1.2   15.1.0   2019-06   RANIB4 R5-193766   0111   F   Addition of FR1-RT (re-establishment reduction release with redirection test case   6.3.2.3.1   15.1.0   2019-06   RANIB4 R5-193766   0112   F   Addition of FR1-RT (re-establishment reduction release with redirection test case   6.3.2.3.1   15.1.0   2019-06   RANIB4 R5-193766   0112   F   Addition of FR1-RT (re-establishment reduction release with redirection   15.1.0   2019-06   RANIB4 R5-193766   0112   F   Update of TC 6.5.1.5 SA FR1 CSLRS RLM OS non-DRX   15.1.0   2019-06   RANIB4 R5-193776   0114   F   Update of TC 6.5.1.5 SA FR1 CSLRS RLM (SDS DRX   15.1.0   2019-06   RANIB4 R5-193777   0116   F   Update of TC 6.5.1.5 SA FR1 CSLRS RLM (SDS DRX   15.1.0   2019-06   RANIB4 R5-193777   0116   F   Update of TC 6.5.1.5 SA FR1 CSLRS RLM (SDS DRX   15.1.0   2019-06   RANIB4 R5-193777   0116   F   Update of TC 6.5.1.5 SA FR1 CSLRS RD DRX   15.1.0   2019-06   RANIB4 R5-193777   0116   F   Update of TC 6.5.5.4 SA FR1 CSLRS BFD DRX   15.1.0   2019-06   RANIB4 R5-193776   0121   F   Update of TC 7.5.5.1 SA FR1 CSLRS BFD DRX   15.1.0   2019-06   RANIB4 R5-193778   0121   F   Update of TC 7.5.5.1 SA FR2 SSB BFD DRX   15.1.0   2019-06   RANIB4 R5-193778   0121   F   Update of TC 7.5.5.1 SA FR2 SSB BFD DRX   15.1.0   2019-06   RANIB4 R5-193779	2019-03	RAN#83	-	-	-	-	Upgraded to Rel-15 with small editorial changes	15.0.0
2019-06   RANIB4 R5-193756   0104   F   Update of RND-DC RLM insyme in non-DRX sets case 4.5.1.6   15.1.0   2019-06   RANIB4 R5-193759   0105   F   Update of EN-DC RLM insyme in non-DRX sets case 4.5.1.7   15.1.0   2019-06   RANIB4 R5-193759   0106   F   Update of EN-DC RLM insyme in DRX test case 4.5.1.7   15.1.0   2019-06   RANIB4 R5-193761   0107   F   Addition of Minimum conformance requirements 6.3.2   15.1.0   2019-06   RANIB4 R5-193763   0108   F   Addition of NR RRM TC 6.3.2.1.1-intra Fine RRC Re-establishment   15.1.0   2019-06   RANIB4 R5-193763   0109   F   Addition of FR1-RT (re-establishment test case 6.3.2.1.2   15.1.0   2019-06   RANIB4 R5-193765   0111   F   Addition of FR1-RT (re-establishment test case 6.3.2.1.2   15.1.0   2019-06   RANIB4 R5-193766   0111   F   Addition of FR1-RT (re-establishment reduction release with redirection test case   6.3.2.3.1   15.1.0   2019-06   RANIB4 R5-193766   0112   F   Addition of FR1-RT (re-establishment reduction release with redirection test case   6.3.2.3.1   15.1.0   2019-06   RANIB4 R5-193766   0112   F   Addition of FR1-RT (re-establishment reduction release with redirection   15.1.0   2019-06   RANIB4 R5-193766   0112   F   Update of TC 6.5.1.5 SA FR1 CSLRS RLM OS non-DRX   15.1.0   2019-06   RANIB4 R5-193776   0114   F   Update of TC 6.5.1.5 SA FR1 CSLRS RLM (SDS DRX   15.1.0   2019-06   RANIB4 R5-193777   0116   F   Update of TC 6.5.1.5 SA FR1 CSLRS RLM (SDS DRX   15.1.0   2019-06   RANIB4 R5-193777   0116   F   Update of TC 6.5.1.5 SA FR1 CSLRS RLM (SDS DRX   15.1.0   2019-06   RANIB4 R5-193777   0116   F   Update of TC 6.5.1.5 SA FR1 CSLRS RD DRX   15.1.0   2019-06   RANIB4 R5-193777   0116   F   Update of TC 6.5.5.4 SA FR1 CSLRS BFD DRX   15.1.0   2019-06   RANIB4 R5-193776   0121   F   Update of TC 7.5.5.1 SA FR1 CSLRS BFD DRX   15.1.0   2019-06   RANIB4 R5-193778   0121   F   Update of TC 7.5.5.1 SA FR2 SSB BFD DRX   15.1.0   2019-06   RANIB4 R5-193778   0121   F   Update of TC 7.5.5.1 SA FR2 SSB BFD DRX   15.1.0   2019-06   RANIB4 R5-193779	2019-06	RAN#84	R5-193578	0100	-	F	Update the test case number of TC 4.3.2.2.2	15.1.0
2019-06   RANB64 R					_	F		
2019-06   RAN#84   R5-193759   0105   -   F   Update of EN-DC RLM out-of-sync in DRX test case 4.5.1.7   15.1.0   2019-06   RAN#84   R5-193761   0107   -   F   Addition of NR RRM TC 6.3.2.1.1-Intra Fine RRC Re-establishment   15.1.0   2019-06   RAN#84   R5-193762   0108   -   F   Addition of NR RRM TC 6.3.2.1.1-Intra Fine RRC Re-establishment   15.1.0   2019-06   RAN#84   R5-193763   0109   -   F   Addition of NR RRM TC 6.3.2.1.1-Intra Fine RRC Re-establishment   15.1.0   2019-06   RAN#84   R5-193763   0110   -   F   Addition of FR1-FR1 (re-establishment test case 6.3.2.1.2   15.1.0   2019-06   RAN#84   R5-193765   0111   -   F   Addition of FR1-RRC connection release with redirection test case   15.1.0   2019-06   RAN#84   R5-193766   0112   -   F   Addition of FR1-RRC connection release with redirection   15.1.0   2019-06   RAN#84   R5-193766   0112   -   F   Update of TC 6.5.1.5 & FR1 (S1-RS RLM IS non-DRX   15.1.0   2019-06   RAN#84   R5-193769   0114   -   F   Update of TC 6.5.1.5 & FR1 (S1-RS RLM IS non-DRX   15.1.0   2019-06   RAN#84   R5-193770   0116   -   F   Update of TC 6.5.1.5 & FR1 (S1-RS RLM IS non-DRX   15.1.0   2019-06   RAN#84   R5-193770   0116   -   F   Update of TC 6.5.1.5 & FR1 (S1-RS RLM IS non-DRX   15.1.0   2019-06   RAN#84   R5-193771   0117   -   F   Update of TC 6.5.1.5 & FR1 (S1-RS RLM IS non-DRX   15.1.0   2019-06   RAN#84   R5-193771   0117   -   F   Update of TC 6.5.1.5 & FR1 (S1-RS RLM IS non-DRX   15.1.0   2019-06   RAN#84   R5-193771   0117   -   F   Update of TC 6.5.1.5 & FR1 (S1-RS RLM IS non-DRX   15.1.0   2019-06   RAN#84   R5-193773   0119   -   F   Addition of Minimum conformance requirements 6.5.5.0   15.1.0   2019-06   RAN#84   R5-193776   0121   -   F   Update of TC 6.5.5.4 & FR1 (S1-RS RLM IS RLM								
2019-06   RAM#84   R5-193760   0106   F   Update of EN-DC RLM in-sync in DRX test case 4.5.1.8   15.1.0   2019-06   RAM#84   R5-193762   0108   F   Addition of Minimum conformance requirements 6.2.2   15.1.0   2019-06   RAM#84   R5-193762   0108   F   Addition of NR RRM TC 6.3.2.1.1-Intra Freq RRC Re-establishment 15.1.0   2019-06   RAM#84   R5-193763   0109   F   Addition of FRI-FFI restablishment lest case 6.3.2.1.2   15.1.0   2019-06   RAM#84   R5-193765   0111   F   Addition of FRI-FFI restablishment lest case 6.3.2.3.2   15.1.0					ļ-			
2019-06   RANHE4   R5-193761   0107   F   Addition of Minimum conformance requirements 6.3.2   15.1.0   2019-06   RANHE4   R5-193762   018   F   Addition of NR RRM TO 6.3.2.1.1-Intra For RRC Re-establishment 15.1.0   2019-06   RANHE4   R5-193763   0109   F   Addition of FR1-FR1 re-establishment test case 6.3.2.1.2   15.1.0   2019-06   RANHE4   R5-193765   0110   F   Addition of FR1-FR1 re-establishment test case 6.3.2.1.2   15.1.0   2019-06   RANHE4   R5-193766   0112   F   Addition of FR1-FR1 re-establishment test case 6.3.2.3.1   15.1.0   2019-06   RANHE4   R5-193766   0112   F   Addition of FR1-FR1 re-establishment rest case 6.3.2.3.1   15.1.0   2019-06   RANHE4   R5-193768   0113   F   Update of TC 6.5.1.6 SA FR1 CSI-RS RLM OOS non-DRX   15.1.0   2019-06   RANHE4   R5-193769   0115   F   Update of TC 6.5.1.6 SA FR1 CSI-RS RLM IS non-DRX   15.1.0   2019-06   RANHE4   R5-193770   0116   F   Addition of Minimum conformance requirements 6.5.5.0   15.1.0   2019-06   RANHE4   R5-193770   0116   F   Update of TC 6.5.1.8 SA FR1 CSI-RS RLM IS DRX   15.1.0   2019-06   RANHE4   R5-193770   0116   F   Update of TC 6.5.3 SA FR1 CSI-RS RLM IS DRX   15.1.0   2019-06   RANHE4   R5-193770   0116   F   Update of TC 6.5.3 SA FR1 CSI-RS BPD non-DRX   15.1.0   2019-06   RANHE4   R5-193770   0116   F   Update of TC 6.5.3 SA FR1 CSI-RS BPD non-DRX   15.1.0   2019-06   RANHE4   R5-193770   0116   F   Update of TC 6.5.5 SA FR1 CSI-RS BPD non-DRX   15.1.0   2019-06   RANHE4   R5-193770   0117   F   Update of TC 6.5.5 SA FR1 CSI-RS BPD non-DRX   15.1.0   2019-06   RANHE4   R5-193770   0117   F   Update of TC 6.5.5 SA FR2 SSB BPD non-DRX   15.1.0   2019-06   RANHE4   R5-193776   0122   F   Update of TC 7.5.5 SA FR2 SSB BPD DRX   15.1.0   2019-06   RANHE4   R5-193776   0122   F   Update of TC 7.5.5 SA FR2 SSB BPD DRX   15.1.0   2019-06   RANHE4   R5-193778   0126   F   Update of TC 7.5.5 SA FR2 SSB BPD DRX   15.1.0   2019-06   RANHE4   R5-193780   0136   F   Update of TC 7.5.5 SA FR2 SSB BPD DRX   15.1.0   2019-06   RANHE4   R5-19378					-			
2019-06   RANNEM R5-193762   0106   F   Addition of NR RRM TC 6.3.2.1.1-Intra Freq RRC Re-establishment 16.1.0					-			1
2019-06   RANH64   R5-193763   0109   . F   Addition of FR1-E-UTRA RC connection release with redirection test case   15.1.0   2019-06   RANH64   R5-193765   0111   . F   Addition of FR1-E-UTRA RC connection release with redirection test case   6.3.2.3.1   2019-06   RANH64   R5-193765   0112   . F   Addition of FR1-E-UTRA RC connection release with redirection test case   6.3.2.3.1   2019-06   RANH64   R5-193765   0112   . F   Update of TC 6.5.1.5 SA FR1 CSI-RS RLM IS non-DRX   15.1.0   2019-06   RANH64   R5-193767   0113   . F   Update of TC 6.5.1.6 SA FR1 CSI-RS RLM IS non-DRX   15.1.0   2019-06   RANH64   R5-193769   0115   . F   Update of TC 6.5.1.6 SA FR1 CSI-RS RLM IS non-DRX   15.1.0   2019-06   RANH64   R5-193770   0116   . F   Update of TC 6.5.1.8 SA FR1 CSI-RS RLM IS DRX   15.1.0   2019-06   RANH64   R5-193771   0117   . F   Update of TC 6.5.1.8 SA FR1 CSI-RS RLM IS DRX   15.1.0   2019-06   RANH64   R5-193771   0117   . F   Update of TC 6.5.1.8 SA FR1 CSI-RS RLM IS DRX   15.1.0   2019-06   RANH64   R5-193771   0117   . F   Update of TC 6.5.1.8 SA FR1 CSI-RS PLD non-DRX   15.1.0   2019-06   RANH64   R5-193777   0117   . F   Update of TC 6.5.5.4 SA FR1 CSI-RS PLD non-DRX   15.1.0   2019-06   RANH64   R5-193777   0112   . F   Update of TC 6.5.5.4 SA FR1 CSI-RS PLD non-DRX   15.1.0   2019-06   RANH64   R5-193777   0120   . F   Update of TC 7.5.5.1 SA FR2 SSB BFD non-DRX   15.1.0   2019-06   RANH64   R5-193777   0123   . F   Update of TC 7.5.5.1 SA FR2 SSB BFD DRX   15.1.0   2019-06   RANH64   R5-193779   0125   . F   Update of TC 7.5.5.3 SA FR2 CSI-RS BFD DRX   15.1.0   2019-06   RANH64   R5-193779   0125   . F   Update of TC 7.5.5.3 SA FR2 CSI-RS BFD DRX   15.1.0   2019-06   RANH64   R5-193780   0125   . F   Addition of Minimum conformance requirements   7.6.1.0   15.1.0   2019-06   RANH64   R5-193780   0126   . F   Addition of 7.6.1.1 SA FR2 SSB BFD DRX   15.1.0   2019-06   RANH64   R5-193780   0126   . F   Addition of 7.6.1.1 SA FR2 RS RM measurement apap DRX   15.1.0   2019-06   RANH64   R5-193780					-			
2019-06   RAN#84   RS-193764   0110   F   Addition of FR1 RRC connection release with redirection test case   15.1.0   S.2.2.3.1   S.2.2	2019-06	RAN#84	R5-193762	0108	-	F	Addition of NR RRM TC 6.3.2.1.1-Intra Freq RRC Re-establishment	15.1.0
2019-06   RANWB4   RS-193765   0110   F   Addition of FR1 RRC connection release with redirection test case   15.1.0   CS.2.3.1   S.2.3.1   S.2.	2019-06	RAN#84	R5-193763	0109	-	F	Addition of FR1-FR1 re-establishment test case 6.3.2.1.2	15.1.0
S.3.2.3.1   S.3.2.3.1   S.3.2.3.1   S.3.2.3.1   S.3.2.3.1   S.3.2.3.1   S.3.2.3.1   S.3.2.3.2   S.3.2.3.2   S.3.3.3.3.3   S.3.3.3.3   S.3.3.3.3   S.3.3.3.3   S.3.3.3.3   S.3.3.3   S.3.3.3.3   S.3.3.3   S.3.3   S.3.3.3   S.3.3.3   S.3.3   S.3.3   S.3.3   S.3.3   S.3.3   S.3.3   S.3.3   S.3.3					1_	F		
2019-06   RANN84   RS-193765   0111	2010 00	10,000	10 100704	0110		l'		10.1.0
test case 6.3.2.3.2   test case 6.3.5.8 A FRT CSI-RS RLM GOS non-DRX   15.1.0   2019-06   RANN84   R5-193769   0113   F   Update of TC 6.5.1.6 SA FRT CSI-RS RLM IS non-DRX   15.1.0   2019-06   RANN84   R5-193769   0115   F   Update of TC 6.5.7 SA FRT CSI-RS RLM GOS DRX   15.1.0   2019-06   RANN84   R5-193770   0115   F   Update of TC 6.5.7 SA FRT CSI-RS RLM GOS DRX   15.1.0   2019-06   RANN84   R5-193770   0115   F   Update of TC 6.5.5 SA FRT CSI-RS RLM GOS DRX   15.1.0   2019-06   RANN84   R5-193772   0118   F   Update of TC 6.5.5 SA FRT CSI-RS BFD non-DRX   15.1.0   2019-06   RANN84   R5-193773   0119   F   Addition of Minimum conformance requirements F.5.5.0   15.1.0   2019-06   RANN84   R5-193774   0110   F   Addition of Minimum conformance requirements F.5.5.0   15.1.0   2019-06   RANN84   R5-193776   0120   F   Update of TC 7.5.5.1 SA FRZ SSB BFD non-DRX   15.1.0   2019-06   RANN84   R5-193776   0122   F   Update of TC 7.5.5.5 SA FRZ SSB BFD DRX   15.1.0   2019-06   RANN84   R5-193776   0122   F   Update of TC 7.5.5.5 SA FRZ SSB BFD DRX   15.1.0   2019-06   RANN84   R5-193776   0122   F   Update of TC 7.5.5.5 SA FRZ SSB BFD DRX   15.1.0   2019-06   RANN84   R5-193778   0124   F   Addition of Minimum conformance requirements F.6.1.0   15.1.0   2019-06   RANN84   R5-193780   0126   F   Addition of Minimum conformance requirements F.6.1.0   15.1.0   2019-06   RANN84   R5-193780   0126   F   Addition of 7.6.1.2 SA FRZ RRM measurement no-gap non-DRX   15.1.0   2019-06   RANN84   R5-193780   0126   F   Addition of 7.6.1.2 SA FRZ RRM measurement propaga non-DRX   15.1.0   2019-06   RANN84   R5-193780   0136   F   Addition of 7.6.1.2 SA FRZ RRM measurement propaga non-DRX   15.1.0   2019-06   RANN84   R5-193780   0136   F   Addition of 7.6.1.2 SA FRZ RRM measurement propaga non-DRX   15.1.0   2019-06   RANN84   R5-193780   0136   F   Addition of 7.6.1.2 SA FRZ RRM measurement propaga non-DRX   15.1.0   2019-06   RANN84   R5-	2010.06	D A N # 9 4	D5_102765	0111	<u> </u>	F		15 1 0
2019-06   RANB44 R5-193766   0112   F   Update of TC 6.5.1.5 SA FR1 CSI-RS RLM OOS non-DRX   15.1.0	2019-00	1\AIN#04	170-190/00	0111	[-	F		10.1.0
2019-06   RAN#84   R5-19376   0113   F   Update of TC 6.5.1.6 SA FR1 CSI-RS RLM OS DRX   15.1.0	0040.55	DANIE:	DE 400=00	04.40		_		45.4.0
2019-06   RAN#84   R5-193768   0114   F   Update of TC 6.5.1, T SA FR1 CSI-RS RLM OOS DRX   15.1.0					-			
2019-06   RAN#84   R5-193776   0115   F   Update of TC 6.5.1.8 SA FR1 CSI-RS RLM IS DRX   15.1.0	2019-06				-		<u> </u>	15.1.0
2019-06   RAN#84   R5-193769   0115   F   Update of TC 6.5.1.8 SA FR1 CSI-RS RLMIS DRX   15.1.0	2019-06	RAN#84	R5-193768	0114	<u> </u>	F	Update of TC 6.5.1.7 SA FR1 CSI-RS RLM OOS DRX	15.1.0
2019-06         RAN#84         R5-193770         0116         F         Addition of Minimum conformance requirements 6.5.5.0         15.1.0           2019-06         RAN#84         R5-193772         0118         -         F         Update of TC 6.5.5.3 SA FR1 CSI-RS BFD Dnx         15.1.0           2019-06         RAN#84         R5-193772         0119         -         F         Update of TC 6.5.5.4 SA FR1 CSI-RS BFD Dnx         15.1.0           2019-06         RAN#84         R5-193775         0120         -         F         Addition of Minimum conformance requirements 7.5.5.0         15.1.0           2019-06         RAN#84         R5-193776         0121         -         F         Update of TC 7.5.5.2 SA FR2 SSB BFD Dnx         15.1.0           2019-06         RAN#84         R5-193776         0122         -         F         Update of TC 7.5.5.2 SA FR2 CSI-RS BFD Dnx         15.1.0           2019-06         RAN#84         R5-193777         0123         -         F         Update of TC 7.5.5.2 SA FR2 CSI-RS BFD Dnx         15.1.0           2019-06         RAN#84         R5-193778         0125         -         F         Addition of 7.6.1.1         SA FR2 RRM measurement no-gap non-DRX         15.1.0           2019-06         RAN#84         R5-193789         0125<	2019-06	RAN#84	R5-193769	0115	-	F	Update of TC 6.5.1.8 SA FR1 CSI-RS RLM IS DRX	15.1.0
2019-06   RAN#84   R5-193771   0117   F   Update of TC 6.5.5.4 SA FR1 CSI-RS BFD non-DRX   15.1.0	2019-06	RAN#84	R5-193770	0116	-	F		15.1.0
2019-06   RAN#84   R5-193772   0118   F   Update of TC 6.5.5.4 SA FR1 CSLRS BFD DRX   15.1.0							'	
2019-06   RAN#84   R5-193773   0119   F   Addition of Minimum conformance requirements 7.5.5.0   15.1.0					-			
2019-06   RAN#84   R5-193774   0120   F   Update of TC 7.5.5.1 SA FR2 SSB BFD non-DRX   15.1.0					-		'	
2019-06         RAN#84         R5-193776         0121         -         F         Update of TC 7.5.5.2 SA FR2 SSB BFD DRX         15.1.0           2019-06         RAN#84         R5-193777         0123         -         F         Update of TC 7.5.5.3 SA FR2 CSI-RS BFD DRX         15.1.0           2019-06         RAN#84         R5-193779         0124         -         F         Update of TC 7.5.5.4 SA FR2 CSI-RS BFD DRX         15.1.0           2019-06         RAN#84         R5-193779         0125         -         F         Addition of 7.6.1.2 SA FR2 RRM measurement no-gap non-DRX         15.1.0           2019-06         RAN#84         R5-193780         0126         -         F         Addition of 7.6.1.2 SA FR2 RRM measurement no-gap non-DRX         15.1.0           2019-06         RAN#84         R5-193780         0126         -         F         Addition of 7.6.1.3 SA FR2 RRM measurement app non-DRX         15.1.0           2019-06         RAN#84         R5-193780         0128         -         F         Addition of 7.6.1.3 SA FR2 RRM measurement app non-DRX         15.1.0           2019-06         RAN#84         R5-193780         0130         -         F         Addition of 7.6.1.4 SA FR2 RRM measurement app DRX         15.1.0           2019-06         RAN#84         R5-					-			
2019-06   RAN#84   R5-193776   0122   -   F   Update of TC 7.5.5.3 SA FR2 CSI-RS BFD non-DRX   15.1.0					-			1
2019-06   RAN#84   R5-193777   0123   -   F   Update of TC 7.5.5.4 SA FR2 CSI-RS BFD DRX   15.1.0	2019-06	RAN#84	R5-193775	0121	-	F	Update of TC 7.5.5.2 SA FR2 SSB BFD DRX	15.1.0
2019-06   RAN#84   R5-193777   0123   -   F   Update of TC 7.5.5.4 SA FR2 CSI-RS BFD DRX   15.1.0	2019-06	RAN#84	R5-193776	0122	-	F	Update of TC 7.5.5.3 SA FR2 CSI-RS BFD non-DRX	15.1.0
2019-06         RAN#84         R5-193778         0124         -         F         Addition of Minimum conformance requirements 7.6.1.0         15.1.0           2019-06         RAN#84         R5-193779         0125         -         F         Addition of 7.6.1.2         SA FR2 RRM measurement no-gap DRX         15.1.0           2019-06         RAN#84         R5-193781         0127         -         F         Addition of 7.6.1.2         SA FR2 RRM measurement pap non-DRX         15.1.0           2019-06         RAN#84         R5-193781         0128         -         F         Addition of 7.6.1.3         SA FR2 RRM measurement gap non-DRX         15.1.0           2019-06         RAN#84         R5-193785         0131         -         F         Addition of 7.6.1.4         SA FR2 RRM measurement gap DRX         15.1.0           2019-06         RAN#84         R5-193786         0131         -         F         Update of FR1-EUTRA higher priority cell re-selection test case 6.1.1.2         15.1.0           2019-06         RAN#84         R5-193788         0133         -         F         Update of FR1-EUTRA handover known cell test case 6.3.1.4         15.1.0           2019-06         RAN#84         R5-193789         0136         -         F         Update of FR1-EUTRA handover known cell test case	2019-06	RAN#84		0123	-	F	Update of TC 7.5.5.4 SA FR2 CSI-RS BFD DRX	15.1.0
2019-06   RAN#84   R5-193779   0125   F   Addition of 7.6.1.1 SA FR2 RRM measurement no-gap non-DRX   15.1.0					_			
2019-06   RAN#84   R5-193781   0126   F   Addition of 7.6.1.2 SA FR2 RRM measurement no-gap DRX   15.1.0							· ·	
2019-06   RAN#84   R5-193781   0127   F   Addition of 7.6.1.3   SA FR2 RRM measurement gap non-DRX   15.1.0					-		Üİ	
2019-06   RAN#84   R5-193782   0128   - F   Addition of 7.6.1.4 SA FR2 RRM measurement gap DRX   15.1.0					-		Ü	
2019-06   RAN#84   R5-193785   0130   -   F   Update of FR1 cell re-selection test case 6.1.1.1   15.1.0					-			
2019-06   RAN#84   R5-193785   0131   -   F   Update of FR1-FR1 cell re-selection test case 6.1.1.2   15.1.0					-			
2019-06   RAN#84   R5-193786   0132   F   Update of FR1-EUTRA higher priority cell re-selection test case   15.1.0	2019-06	RAN#84	R5-193784	0130	-	F	Update of FR1 cell re-selection test case 6.1.1.1	
Content of the cont	2019-06	RAN#84	R5-193785	0131	-	F	Update of FR1-FR1 cell re-selection test case 6.1.1.2	15.1.0
Content of the cont	2019-06	RAN#84	R5-193786	0132	-	F	Update of FR1-EUTRA higher priority cell re-selection test case	
2019-06				-				
6.1.2.2	2019-06	R 4 N#84	R5-193787	0133	<u> </u>	F		15 1 0
2019-06         RAN#84         R5-193788         0134         -         F         Update of FR1-EUTRA handover known cell test case 6.3.1.4         15.1.0           2019-06         RAN#84         R5-193790         0136         -         F         Update of 6.6.1.1 SA FR1 RRM measurement no-gap non-DRX         15.1.0           2019-06         RAN#84         R5-193792         0138         -         F         Update of 6.6.1.2 SA FR1 RRM measurement no-gap DRX         15.1.0           2019-06         RAN#84         R5-193793         0139         -         F         Update of 6.6.1.3 SA FR1 RRM measurement gap non-DRX         15.1.0           2019-06         RAN#84         R5-193793         0140         -         F         Update of FR1 event-triggered without gap with SSB index test case 6.6.1.6.5         15.1.0           2019-06         RAN#84         R5-193795         0141         -         F         Update of FR1 event-triggered with gap with SSB index test case 6.6.1.6.6.1.6         15.1.0           2019-06         RAN#84         R5-193812         0145         -         F         Addition of 6.3.2.2 minimum conformance requirements         15.1.0           2019-06         RAN#84         R5-193872         0146         -         F         Introduction of TC 4.5.5.4 EN-DC FR1 CSI-RS-based beam failure detection and link recove	2013 00	14/414#04	1001001	0100		l'	· · ·	13.1.0
2019-06   RAN#84   R5-193790   0136   -   F   Update of 6.6.1.1 SA FR1 RRM measurement no-gap non-DRX   15.1.0	2040.00	D 4 N # 0 4	DE 400700	0404		_		45.4.0
2019-06   RAN#84   R5-193791   0137   F   Update of 6.6.1.2   SA FR1 RRM measurement no-gap DRX   15.1.0								
2019-06   RAN#84   R5-193792   0138   -   F   Update of 6.6.1.3   SA FR1 RRM measurement gap non-DRX   15.1.0					-			
2019-06         RAN#84         R5-193793         0139         -         F         Update of 6.6.1.4 SA FR1 RRM measurement gap DRX         15.1.0           2019-06         RAN#84         R5-193794         0140         -         F         Update of FR1 event-triggered without gap with SSB index test case 6.6.1.5         15.1.0           2019-06         RAN#84         R5-193795         0141         -         F         Update of FR1 event-triggered with gap with SSB index test case 6.6.1.6         15.1.0           2019-06         RAN#84         R5-193812         0145         -         F         Addition of 6.3.2.2 minimum conformance requirements         15.1.0           2019-06         RAN#84         R5-193872         0146         -         F         Introduction of TC 4.5.5.4 EN-DC FR1 CSI-RS-based beam failure detection and link recovery in DRX         15.1.0           2019-06         RAN#84         R5-193949         0148         -         F         Correction of PRACH Configurations         15.1.0           2019-06         RAN#84         R5-194328         0153         -         F         Additional of new reference used in RRM test spec         15.1.0           2019-06         RAN#84         R5-194394         0165         -         F         Addition missing Editor's note 4.5.2.5         15.1.0      <								
2019-06         RAN#84         R5-193793         0139         -         F         Update of 6.6.1.4 SA FR1 RRM measurement gap DRX         15.1.0           2019-06         RAN#84         R5-193794         0140         -         F         Update of FR1 event-triggered without gap with SSB index test case 6.6.1.5         15.1.0           2019-06         RAN#84         R5-193795         0141         -         F         Update of FR1 event-triggered with gap with SSB index test case 6.6.1.6         15.1.0           2019-06         RAN#84         R5-193812         0145         -         F         Addition of 6.3.2.2 minimum conformance requirements         15.1.0           2019-06         RAN#84         R5-193872         0146         -         F         Introduction of TC 4.5.5.4 EN-DC FR1 CSI-RS-based beam failure detection and link recovery in DRX         15.1.0           2019-06         RAN#84         R5-193949         0148         -         F         Correction of PRACH Configurations         15.1.0           2019-06         RAN#84         R5-194328         0153         -         F         Additional of new reference used in RRM test spec         15.1.0           2019-06         RAN#84         R5-194394         0165         -         F         Addition missing Editor's note 4.5.2.5         15.1.0      <	2019-06	RAN#84	R5-193792	0138	<u> -</u>	F	Update of 6.6.1.3 SA FR1 RRM measurement gap non-DRX	15.1.0
2019-06         RAN#84         R5-193794         0140         -         F         Update of FR1 event-triggered without gap with SSB index test case 6.6.1.5         15.1.0           2019-06         RAN#84         R5-193795         0141         -         F         Update of FR1 event-triggered with gap with SSB index test case 6.6.1.0         15.1.0           2019-06         RAN#84         R5-193812         0145         -         F         Addition of 6.3.2.2 minimum conformance requirements         15.1.0           2019-06         RAN#84         R5-193872         0146         -         F         Addition of TC 4.5.5.4 EN-DC FR1 CSI-RS-based beam failure detection and link recovery in DRX         15.1.0           2019-06         RAN#84         R5-193949         0148         -         F         Correction of PRACH Configurations         15.1.0           2019-06         RAN#84         R5-194328         0153         -         F         Additional of new reference used in RRM test spec         15.1.0           2019-06         RAN#84         R5-194329         0154         -         F         Correction of reference spec number in RRM spec         15.1.0           2019-06         RAN#84         R5-194549         0173         -         F         Correction of 5G RRM Test Case 5.6.2.1         15.1.0		RAN#84	R5-193793	0139	-	F		15.1.0
Correction of PRACH Configurations   Correction of SG RRM Test Case 5.6.2.1   Correction of 5G RRM Test Case 5.6.2.3   15.1.0					-			
2019-06   RAN#84   R5-193795   0141   -     F   Update of FR1 event-triggered with gap with SSB index test case   15.1.0   6.6.1.6     15.1.0   15.1.0     15.1.0     15.1.0     15.1.0     15.1.0     15.1.0   15.1.0     15.1.0     15.1.0     15.1.0     15.1.0     15.1.0   15.1.0     15.1.0     15.1.0     15.1.0     15.1.0     15.1.0   15.1.0     15.			100104	0.40		[		10.1.0
6.6.1.6	2010.06	D 4 N 140 4	DE 10270E	01.11		г		15 1 0
2019-06         RAN#84         R5-193812         0145         -         F         Addition of 6.3.2.2 minimum conformance requirements         15.1.0           2019-06         RAN#84         R5-193872         0146         -         F         Introduction of TC 4.5.5.4 EN-DC FR1 CSI-RS-based beam failure detection and link recovery in DRX           2019-06         RAN#84         R5-193949         0148         -         F         Correction of PRACH Configurations         15.1.0           2019-06         RAN#84         R5-194328         0153         -         F         Additional of new reference used in RRM test spec         15.1.0           2019-06         RAN#84         R5-194329         0154         -         F         Correction of reference spec number in RRM spec         15.1.0           2019-06         RAN#84         R5-194494         0165         -         F         Addition missing Editor's note 4.5.2.5         15.1.0           2019-06         RAN#84         R5-194549         0173         -         F         Correction of 5G RRM Test Case 5.6.2.1         15.1.0           2019-06         RAN#84         R5-194550         0174         -         F         Correction of 5G RRM Test Case 5.6.2.2         15.1.0           2019-06         RAN#84         R5-194553         01	2019-06	KAIN#84	K2-193/95	0141	-	Г		15.1.0
2019-06         RAN#84         R5-193872         0146         -         F         Introduction of TC 4.5.5.4 EN-DC FR1 CSI-RS-based beam failure detection and link recovery in DRX         15.1.0           2019-06         RAN#84         R5-193949         0148         -         F         Correction of PRACH Configurations         15.1.0           2019-06         RAN#84         R5-194328         0153         -         F         Additional of new reference used in RRM test spec         15.1.0           2019-06         RAN#84         R5-194329         0154         -         F         Correction of reference spec number in RRM spec         15.1.0           2019-06         RAN#84         R5-194329         0154         -         F         Addition missing Editor's note 4.5.2.5         15.1.0           2019-06         RAN#84         R5-194549         0173         -         F         Correction of 5G RRM Test Case 5.6.2.1         15.1.0           2019-06         RAN#84         R5-194550         0174         -         F         Correction of 5G RRM Test Case 5.6.2.2         15.1.0           2019-06         RAN#84         R5-194553         0176         -         F         Correction of 5G RRM Test Case 5.6.2.3         15.1.0           2019-06         RAN#84         R5-194555	0040.55	DANIUS:	DE (00=:=	04.1=		_		45
Description					-			
2019-06         RAN#84         R5-193949         0148         -         F         Correction of PRACH Configurations         15.1.0           2019-06         RAN#84         R5-194328         0153         -         F         Additional of new reference used in RRM test spec         15.1.0           2019-06         RAN#84         R5-194329         0154         -         F         Correction of reference spec number in RRM spec         15.1.0           2019-06         RAN#84         R5-194494         0165         -         F         Addition missing Editor's note 4.5.2.5         15.1.0           2019-06         RAN#84         R5-194549         0173         -         F         Correction of 5G RRM Test Case 5.6.2.1         15.1.0           2019-06         RAN#84         R5-194550         0174         -         F         Correction of 5G RRM Test Case 5.6.2.2         15.1.0           2019-06         RAN#84         R5-194551         0175         -         F         Correction of 5G RRM Test Case 5.6.2.3         15.1.0           2019-06         RAN#84         R5-194553         0177         -         F         Correction of 5G RRM Test Case 5.6.2.4         15.1.0           2019-06         RAN#84         R5-194555         0179         -         F	2019-06	RAN#84	R5-193872	0146	-	F		15.1.0
2019-06         RAN#84         R5-193949         0148         -         F         Correction of PRACH Configurations         15.1.0           2019-06         RAN#84         R5-194328         0153         -         F         Additional of new reference used in RRM test spec         15.1.0           2019-06         RAN#84         R5-194329         0154         -         F         Correction of reference spec number in RRM spec         15.1.0           2019-06         RAN#84         R5-194494         0165         -         F         Addition missing Editor's note 4.5.2.5         15.1.0           2019-06         RAN#84         R5-194549         0173         -         F         Correction of 5G RRM Test Case 5.6.2.1         15.1.0           2019-06         RAN#84         R5-194550         0174         -         F         Correction of 5G RRM Test Case 5.6.2.2         15.1.0           2019-06         RAN#84         R5-194551         0175         -         F         Correction of 5G RRM Test Case 5.6.2.3         15.1.0           2019-06         RAN#84         R5-194553         0177         -         F         Correction of 5G RRM Test Case 5.6.2.4         15.1.0           2019-06         RAN#84         R5-194555         0179         -         F				<u> </u>				
2019-06         RAN#84         R5-194328         0153         -         F         Additional of new reference used in RRM test spec         15.1.0           2019-06         RAN#84         R5-194329         0154         -         F         Correction of reference spec number in RRM spec         15.1.0           2019-06         RAN#84         R5-194494         0165         -         F         Addition missing Editor's note 4.5.2.5         15.1.0           2019-06         RAN#84         R5-194549         0173         -         F         Correction of 5G RRM Test Case 5.6.2.1         15.1.0           2019-06         RAN#84         R5-194550         0174         -         F         Correction of 5G RRM Test Case 5.6.2.2         15.1.0           2019-06         RAN#84         R5-194551         0175         -         F         Correction of 5G RRM Test Case 5.6.2.3         15.1.0           2019-06         RAN#84         R5-194552         0176         -         F         Correction of 5G RRM Test Case 5.6.2.4         15.1.0           2019-06         RAN#84         R5-194553         0177         -         F         Correction of 5G RRM Test Case 5.6.2.5         15.1.0           2019-06         RAN#84         R5-194555         0180         -         F	2019-06	RAN#84	R5-193949	0148	-	F		15.1.0
2019-06         RAN#84         R5-194329         0154         -         F         Correction of reference spec number in RRM spec         15.1.0           2019-06         RAN#84         R5-194494         0165         -         F         Addition missing Editor's note 4.5.2.5         15.1.0           2019-06         RAN#84         R5-194549         0173         -         F         Correction of 5G RRM Test Case 5.6.2.1         15.1.0           2019-06         RAN#84         R5-194550         0174         -         F         Correction of 5G RRM Test Case 5.6.2.2         15.1.0           2019-06         RAN#84         R5-194551         0175         -         F         Correction of 5G RRM Test Case 5.6.2.3         15.1.0           2019-06         RAN#84         R5-194552         0176         -         F         Correction of 5G RRM Test Case 5.6.2.4         15.1.0           2019-06         RAN#84         R5-194553         0177         -         F         Correction of 5G RRM Test Case 5.6.2.5         15.1.0           2019-06         RAN#84         R5-194555         0179         -         F         Correction of 5G RRM Test Case 5.6.2.7         15.1.0           2019-06         RAN#84         R5-194556         0180         -         F <t< td=""><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td></t<>					-			
2019-06         RAN#84         R5-194494         0165         -         F         Addition missing Editor's note 4.5.2.5         15.1.0           2019-06         RAN#84         R5-194549         0173         -         F         Correction of 5G RRM Test Case 5.6.2.1         15.1.0           2019-06         RAN#84         R5-194550         0174         -         F         Correction of 5G RRM Test Case 5.6.2.2         15.1.0           2019-06         RAN#84         R5-194551         0175         -         F         Correction of 5G RRM Test Case 5.6.2.3         15.1.0           2019-06         RAN#84         R5-194552         0176         -         F         Correction of 5G RRM Test Case 5.6.2.4         15.1.0           2019-06         RAN#84         R5-194553         0177         -         F         Correction of 5G RRM Test Case 5.6.2.5         15.1.0           2019-06         RAN#84         R5-194555         0179         -         F         Correction of 5G RRM Test Case 5.6.2.7         15.1.0           2019-06         RAN#84         R5-194556         0180         -         F         Correction of 5G RRM Test Case 5.6.2.8         15.1.0           2019-06         RAN#84         R5-194557         0181         -         F         Correct					l <u>-</u>			
2019-06         RAN#84         R5-194549         0173         -         F         Correction of 5G RRM Test Case 5.6.2.1         15.1.0           2019-06         RAN#84         R5-194550         0174         -         F         Correction of 5G RRM Test Case 5.6.2.2         15.1.0           2019-06         RAN#84         R5-194551         0175         -         F         Correction of 5G RRM Test Case 5.6.2.3         15.1.0           2019-06         RAN#84         R5-194552         0176         -         F         Correction of 5G RRM Test Case 5.6.2.4         15.1.0           2019-06         RAN#84         R5-194553         0177         -         F         Correction of 5G RRM Test Case 5.6.2.5         15.1.0           2019-06         RAN#84         R5-194555         0179         -         F         Correction of 5G RRM Test Case 5.6.2.7         15.1.0           2019-06         RAN#84         R5-194556         0180         -         F         Correction of 5G RRM Test Case 5.6.2.8         15.1.0           2019-06         RAN#84         R5-194557         0181         -         F         Correction of Minimum conformance requirements 6.6.2.0         15.1.0					<del>                                     </del>			
2019-06         RAN#84         R5-194550         0174         -         F         Correction of 5G RRM Test Case 5.6.2.2         15.1.0           2019-06         RAN#84         R5-194551         0175         -         F         Correction of 5G RRM Test Case 5.6.2.3         15.1.0           2019-06         RAN#84         R5-194552         0176         -         F         Correction of 5G RRM Test Case 5.6.2.4         15.1.0           2019-06         RAN#84         R5-194553         0177         -         F         Correction of 5G RRM Test Case 5.6.2.5         15.1.0           2019-06         RAN#84         R5-194555         0179         -         F         Correction of 5G RRM Test Case 5.6.2.7         15.1.0           2019-06         RAN#84         R5-194556         0180         -         F         Correction of 5G RRM Test Case 5.6.2.8         15.1.0           2019-06         RAN#84         R5-194557         0181         -         F         Correction of Minimum conformance requirements 6.6.2.0         15.1.0					<del>-</del> -			
2019-06       RAN#84       R5-194551       0175       -       F       Correction of 5G RRM Test Case 5.6.2.3       15.1.0         2019-06       RAN#84       R5-194552       0176       -       F       Correction of 5G RRM Test Case 5.6.2.4       15.1.0         2019-06       RAN#84       R5-194553       0177       -       F       Correction of 5G RRM Test Case 5.6.2.5       15.1.0         2019-06       RAN#84       R5-194555       0179       -       F       Correction of 5G RRM Test Case 5.6.2.7       15.1.0         2019-06       RAN#84       R5-194556       0180       -       F       Correction of 5G RRM Test Case 5.6.2.8       15.1.0         2019-06       RAN#84       R5-194557       0181       -       F       Correction of Minimum conformance requirements 6.6.2.0       15.1.0								
2019-06         RAN#84         R5-194552         0176         -         F         Correction of 5G RRM Test Case 5.6.2.4         15.1.0           2019-06         RAN#84         R5-194553         0177         -         F         Correction of 5G RRM Test Case 5.6.2.5         15.1.0           2019-06         RAN#84         R5-194555         0179         -         F         Correction of 5G RRM Test Case 5.6.2.7         15.1.0           2019-06         RAN#84         R5-194556         0180         -         F         Correction of 5G RRM Test Case 5.6.2.8         15.1.0           2019-06         RAN#84         R5-194557         0181         -         F         Correction of Minimum conformance requirements 6.6.2.0         15.1.0					-			
2019-06         RAN#84         R5-194552         0176         -         F         Correction of 5G RRM Test Case 5.6.2.4         15.1.0           2019-06         RAN#84         R5-194553         0177         -         F         Correction of 5G RRM Test Case 5.6.2.5         15.1.0           2019-06         RAN#84         R5-194555         0179         -         F         Correction of 5G RRM Test Case 5.6.2.7         15.1.0           2019-06         RAN#84         R5-194556         0180         -         F         Correction of 5G RRM Test Case 5.6.2.8         15.1.0           2019-06         RAN#84         R5-194557         0181         -         F         Correction of Minimum conformance requirements 6.6.2.0         15.1.0	2019-06	RAN#84	R5-194551	0175	<u>-</u>	F		15.1.0
2019-06       RAN#84       R5-194553       0177       -       F       Correction of 5G RRM Test Case 5.6.2.5       15.1.0         2019-06       RAN#84       R5-194555       0179       -       F       Correction of 5G RRM Test Case 5.6.2.7       15.1.0         2019-06       RAN#84       R5-194556       0180       -       F       Correction of 5G RRM Test Case 5.6.2.8       15.1.0         2019-06       RAN#84       R5-194557       0181       -       F       Correction of Minimum conformance requirements 6.6.2.0       15.1.0	2019-06	RAN#84	R5-194552	0176	-	F		15.1.0
2019-06       RAN#84       R5-194555       0179       -       F       Correction of 5G RRM Test Case 5.6.2.7       15.1.0         2019-06       RAN#84       R5-194556       0180       -       F       Correction of 5G RRM Test Case 5.6.2.8       15.1.0         2019-06       RAN#84       R5-194557       0181       -       F       Correction of Minimum conformance requirements 6.6.2.0       15.1.0					1-			
2019-06         RAN#84         R5-194556         0180         -         F         Correction of 5G RRM Test Case 5.6.2.8         15.1.0           2019-06         RAN#84         R5-194557         0181         -         F         Correction of Minimum conformance requirements 6.6.2.0         15.1.0					<del>                                     </del>			
2019-06 RAN#84 R5-194557 0181 - F Correction of Minimum conformance requirements 6.6.2.0 15.1.0					<del>-</del>			
					-			
2019-06   RAN#84   R5-194562   0186   -   F     Correction of Minimum conformance requirements 7.6.2.0   15.1.0					-			
	2019-06	RAN#84	R5-194562	0186	<u> -</u>	F	Correction of Minimum conformance requirements 7.6.2.0	15.1.0

	1	1_					
2019-06	RAN#84	R5-194564	0188	-	F	Correction of 5G RRM Test Case 7.6.2.2	15.1.0
2019-06	RAN#84	R5-194565	0189	-	F	Correction of 5G RRM Test Case 7.6.2.3	15.1.0
2019-06	RAN#84		0190	-	F	Correction of 5G RRM Test Case 7.6.2.4	15.1.0
2019-06	RAN#84	R5-194567	0191	-	F	Correction of 5G RRM Test Case 7.6.2.5	15.1.0
2019-06	RAN#84	R5-194568	0192	-	F	Correction of 5G RRM Test Case 7.6.2.6	15.1.0
2019-06	RAN#84	R5-194569	0193	-	F	Correction of 5G RRM Test Case 7.6.2.7	15.1.0
2019-06	RAN#84	R5-194570	0194	-	F	Correction of 5G RRM Test Case 7.6.2.8	15.1.0
2019-06	RAN#84	R5-194571	0195	-	F	Correction of Minimum conformance requirements 7.3.2.1.0	15.1.0
2019-06	RAN#84	R5-194572	0196	-	F	Correction of 5G RRM Test Case 7.3.2.1.1	15.1.0
2019-06	RAN#84	R5-194573	0197	-	F	Correction of 5G RRM Test Case 7.3.2.1.2	15.1.0
2019-06	RAN#84	R5-194700	0208	-	F	Clean-up in EN-DC FR1 transmit timing accuracy test	15.1.0
2019-06	RAN#84	R5-194702	0210	-	F	Update to EN-DC FR1 RLM IS DRX test with SSB-based RLM RS	15.1.0
2019-06	RAN#84	R5-194703	0211	-	F	Update to NR SA FR1 RLM IS non-DRX test with SSB-based RLM	15.1.0
					-	RS	
2019-06	RAN#84	R5-194704	0212	-	F	Update to NR SA FR1 RLM IS DRX test with SSB-based RLM RS	15.1.0
2019-06	RAN#84	R5-194710	0214	-	F	Update to E-UTRA configuration for RRM EN-DC tests to align with	15.1.0
			02			core spec update	
2019-06	RAN#84	R5-194713	0216	_	F	Update to EN-DC FR1 RLM IS DRX test with SSB-based RLM RS	15.1.0
2019-06	RAN#84	R5-195013	0156	1	F	Updated to EN-DC FR1 RRM tests in clause 4.5.3	15.1.0
2019-06	RAN#84	R5-195016	0198	1	F	Test tolerance and measurement uncertainty in Annex F for Inter-	15.1.0
2013-00	10/11/1/04	10010	0130	'		Freq measurement test cases	13.1.0
2019-06	RAN#84	R5-195017	0129	1	F	Addition of default configuration in Annex H	15.1.0
2019-06	RAN#84	R5-195017	0143	1	F	Update of 6.3.2.2.1 random access	15.1.0
2019-06	RAN#84	R5-195018	0143	1	F	Update of 6.3.2.2.2 non-contention random access	15.1.0
2019-06	RAN#84		0151	1	F	Updated to EN-DC FR1 RRM tests in cluase 4.6.1	15.1.0
2019-06	RAN#84 RAN#84	R5-195020		1	F		
		R5-195021	0207		F	Modification of EN-DC FR1 TAAA	15.1.0
2019-06	RAN#84	R5-195024	0199	1	F	Modification of EN-DC FR1 SSB RLM OOS in non-DRX	15.1.0
2019-06	RAN#84	R5-195025	0200	1	-	Modification of EN-DC FR1 SSB RLM OOS in DRX	15.1.0
2019-06	RAN#84	R5-195026	0201	1	F	Modification of NR SA FR1 TAAA	15.1.0
2019-06	RAN#84	R5-195027	0202	1	F	Modification of SA FR1 SSB RLM OOS in non-DRX	15.1.0
2019-06	RAN#84	R5-195028	0203	1	F	Modification of SA FR1 SSB RLM OOS in DRX	15.1.0
2019-06	RAN#84	R5-195029	0204	1	F	Modification of EN-DC FR2 TAAA	15.1.0
2019-06	RAN#84	R5-195030	0205	1	F	Modification of EN-DC FR2 SSB RLM OOS in non-DRX	15.1.0
2019-06	RAN#84	R5-195031	0206	1	F	Modification of EN-DC FR2 SSB RLM OOS in DRX	15.1.0
2019-06	RAN#84	R5-195032	0219	1	F	Update to EN-DC FR2 RLM IS non-DRX test with SSB-based RLM	15.1.0
						RS	
2019-06	RAN#84	R5-195033	0220	1	F	Update to EN-DC FR2 RLM IS DRX test with SSB-based RLM RS	15.1.0
2019-06	RAN#84	R5-195034	0221	1	F	Addition of EN-DC FR2 Transmit Timing Accuracy tests	15.1.0
2019-06	RAN#84	R5-195035	0209	1	F	Update to EN-DC FR1 RLM IS non-DRX test with SSB-based RLM	15.1.0
						RS	
2019-06	RAN#84	R5-195036	0150	1	F	Correction to EN-DC FR1 UE transmit timing accuracy TC 4.4.1.1	15.1.0
2019-06	RAN#84	R5-195037	0155	1	F	Updated to cell configuration mapping table for RRM tests	15.1.0
2019-06	RAN#84	R5-195038	0147	1	F	Introduction of TC 6.5.2.1 NR SA FR1 interruptions during	15.1.0
						measurements on deactivated NR SCC	
2019-06	RAN#84	R5-195039	0178	1	F	Correction of 5G RRM Test Case 5.6.2.6	15.1.0
2019-06	RAN#84	R5-195040	0166	1	F	Correction of default message content for RRM in Annex H	15.1.0
2019-06	RAN#84	R5-195041	0217	1	F	Update to NR SA FR1 RLM IS non-DRX test with SSB-based RLM	15.1.0
						RS	
2019-06	RAN#84	R5-195042	0218	1	F	Update to NR SA FR1 RLM IS DRX test with SSB-based RLM RS	15.1.0
2019-06	RAN#84	R5-195043	0215	1	F	Update to EN-DC FR1 RLM IS non-DRX test with SSB-based RLM	15.1.0
						RS	
2019-06	RAN#84	R5-195044	0187	1	F	Correction of 5G RRM Test Case 7.6.2.1	15.1.0
2019-06	RAN#84	R5-195045	0103	1	F	Update of EN-DC RLM out-of-sync in non-DRX test case 4.5.1.5	15.1.0
2019-06	RAN#84	R5-195099	0223	-	F	RRM implementation of FR2 UL demod OTA tests using single pol	15.1.0
2010 00			5225		[	Rx TE	10.1.0
2019-06	RAN#84	R5-195173	0167	1	F	Correction of Minimum conformance requirements 4.6.2.0	15.1.0
2019-06	RAN#84	R5-195174	0168	1	F	Correction of 5G RRM Test Case 4.6.2.1 with FR1 Test tolerance	15.1.0
2019-06	RAN#84	R5-195174	0169	1	F	Correction of 5G RRM Test Case 4.6.2.2 with FR1 Test tolerance	15.1.0
2019-06	RAN#84	R5-195175		1	F		15.1.0
		R5-195176	0170	1	F	Correction of 5G RRM Test Case 4.6.2.3 with FR1 Test tolerance	
2019-06	RAN#84		0171	1	F	Correction of 5G RRM Test Case 4.6.2.4 with FR1 Test tolerance	15.1.0
2019-06	RAN#84	R5-195179	0172	1		Correction of Minimum conformance requirements 5.6.2.0	15.1.0
2019-06	RAN#84	R5-195182	0142	1	F	Addition of FR1-E-UTRAN event-triggered reporting in DRX test	15.1.0
2040.00	DANIHO4	DE 405405	04.50	1	_	case 6.6.3.2	15.4.0
2019-06	RAN#84	R5-195185	0158	1	F	Update of FR1 Test tolerance and uncertainties in AnnexF	15.1.0
2019-06	RAN#84	R5-195186	0182	1	F	Correction of 5G RRM Test Case 6.6.2.1 with FR1 Test tolerance	15.1.0
2019-06	RAN#84	R5-195187	0183	1	F	Correction of 5G RRM Test Case 6.6.2.2 with FR1 Test tolerance	15.1.0
2019-06	RAN#84	R5-195188	0184	1	F	Correction of 5G RRM Test Case 6.6.2.3 with FR1 Test tolerance	15.1.0
2019-06	RAN#84	R5-195189	0185	1	F	Correction of 5G RRM Test Case 6.6.2.4 with FR1 Test tolerance	15.1.0
2019-06	RAN#84	R5-195445	0152	2	F	Updated to SA FR1 RRM tests in clause 6.6.3	15.1.0
2021-06	RAN#92	R5-212176	1136	-	F	Removal of technical content in 38.533 v15.1.0 and substitution with	15.2.0
						pointer to the next Release	

# History

	Document history								
V15.0.0	May 2019	Publication							
V15.1.0	July 2019	Publication							
V15.2.0	August 2021	Publication							