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**5G;  
E1 layer 1  
(3GPP TS 37.481 version 18.0.0 Release 18)**



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**Reference**

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**Keywords**

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# Foreword

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Version x.y.z

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- 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.

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# 1 Scope

The present document specifies the standards allowed to implement layer 1 on the E1 interface.

The specification of transmission delay requirements and O&M requirements are not in the scope of the present document.

In the following, 'layer 1' and 'physical layer' are assumed to be synonymous.

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# 2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

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[1] 3GPP TS 38.411: "NG-RAN; NG layer 1".

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# 3 Abbreviations

For the purposes of the present document, the abbreviations given in TS 38.411 [1] apply.

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# 4 Introduction

The E1 Layer 1 shall comply with the requirements of clauses 4 through 6 in TS 38.411 [1].

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## Annex A (informative): Change history

Change history							
Date	Meeting	TDoc	CR	Rev	Cat	Subject/Comment	New version
2022-01	R3#114b-e	R3-221449				Text transferred from TS 38.461 v16.0.0 with no changes	0.0.1
2022-02	R3#115-e	R3-221647				Change history updated	0.1.0
2022-02	R3#115-e	R3-222580				Change history corrected	0.1.1
2022-03	RAN#95-e	RP-220796				Version submitted for approval in RAN#95-e	1.0.0
2022-03	SA#95-e					Promotion to Release 17 without technical change	17.0.0
2024-03	SA#103-	-	-	-	-	Update to Rel-18 version (MCC)	18.0.0

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# History

<b>Document history</b>		
V18.0.0	May 2024	Publication