

TTA Standard

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3GPP-(Technical Speciation
Group Radio Access Network;
NG-RAN; E1 layer 1)



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Technical Specification

**3rd Generation Partnership Project;
Technical Specification Group Radio Access Network;
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E1 layer 1
(Release 15)**



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Foreword

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

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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.

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

3 Abbreviations

3.1 Definitions

3.2 Abbreviations

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

4 Introduction

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

Annex A (informative): Change history

Change history							
Date	Meeting	TDoc	CR	Rev	Cat	Subject/Comment	New version
2018-02	R3#99	R3-181357	-	-	-	Skeleton	0.0.0
2018-02	R3#99	R3-181420	-	-	-	Editorial changes, including R3#99 agreements	0.1.0
2018-05	R3#100	R3-183605				Removal of Editor's note	0.2.0
2018-06	RP#80	RP-180996				First submission to RAN for approval	1.0.0
2018-06	RAN#80		-	-	-	Specification approved at TSG-RAN and placed under change control	15.0.0