

TTA Standard

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



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Technical Specification

**3rd Generation Partnership Project;
Technical Specification Group Radio Access Network;
NG-RAN;
Xn 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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- x the first digit:
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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.

1 Scope

The present document specifies the standards allowed to implement layer 1 on the Xn 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*.

3 Abbreviations

4 Introduction

5 Layer 1 specifications

6 Interface to management plane

Note: The requirements of Xn interface comply with the requirements of NG interface.

Annex A (informative): Change history

Change history						
Date	TSG #	TSG Doc.	CR	Rev	Subject/Comment	New
2017-04	R3#95b	R3-171078	-	-	TS skeleton	0.0.0
2017-04	R3#95b	R3-171314	-	-	Update of the new template and Editor's note	0.0.1
2017-05	R3#96	R3-171972	-	-	Update of abbreviations and note	0.1.0
2018-01	R3#NR AH1801	R3-180171	-	-	Update the title of the spec	0.2.0
2018-06	R3#100	R3-183606			Removal of editor's note	0.3.0
2018-06	RAN#80	RP-180982			Submitted to RAN plenary for approval.	1.0.0
2018-06	RAN#80		-	-	Specification approved at TSG-RAN and placed under change control	15.0.0