

3rd Generation Partnership Project;
Technical Specification Group Radio Access Network;
3GPP TS 38.461 NG-RAN;
E1 layer 1 (2022-04)
(Release 17) *Technical Specification*



3GPP

Postal address

3GPP support office address

650 Route des Lucioles - Sophia Antipolis
Valbonne - FRANCE
Tel.: +33 4 92 94 42 00 Fax: +33 4 93 65 47 16

Internet

<http://www.3gpp.org>

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Foreword

This Technical Specification has been produced by the 3rd 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

See TS 37.481 [2].

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] Void.

[2] 3GPP TS 37.481: "E1 layer 1".

3 Void

3.1 Void

3.2 Void

4 Void

5 E1 layer 1

See TS 37.481 [2].

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
2019-09	RP-85	RP-192166	0002	1	F	Clean up empty sections	15.1.0
2020-07	SA#88-e	-	-	-	-	Update to Rel-16 version (MCC)	16.0.0
2022-03	RAN#95-e	RP-220217	0003	3	F	Transfer of Rel-17 E1 interface specification from 38.46x series to 37.48x series	17.0.0