



**Universal Mobile Telecommunications System (UMTS);
LTE;
Telecommunication management;
Key Performance Indicators (KPI)
for Evolved Universal Terrestrial
Radio Access Network (E-UTRAN);
Requirements
(3GPP TS 32.451 version 13.0.0 Release 13)**



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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
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Foreword

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Introduction

The present document is part of a multi-part deliverable covering the 3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Telecommunication management; as identified below:

- 32.451: Key Performance Indicators (KPI) for E-UTRAN; Requirements;
- 32.450: Key Performance Indicators (KPI) for E-UTRAN; Definitions.

1 Scope

The present document specifies requirements (business level requirements, specification level requirements and use case descriptions) related to Key Performance Indicators (KPIs) for E-UTRAN.

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.
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- [1] ITU-T Recommendation E.800: "Terms and Definitions related to Quality of Service and Network Performance including Dependability".
- [2] 3GPP TS 21.905: "Vocabulary for 3GPP Specifications".

3 Definitions and abbreviations

3.1 Definitions

For the purposes of the present document, the terms and definitions given in TR 21.905 [2] and the following apply. A term defined in the present document takes precedence over the definition of the same term, if any, in TR 21.905 [2].

3.2 Abbreviations

For the purposes of the present document, the abbreviations given in TR 21.905 [2] and the following apply. An abbreviation defined in the present document takes precedence over the definition of the same abbreviation, if any, in TR 21.905 [2].

DRX	Discontinuous Reception
eNB	E-UTRAN Node B
EPS	Evolved Packet System
E-RAB	E-UTRAN Radio Access Bearer
E-UTRAN	Evolved UTRAN
GBR	Guaranteed Bit Rate
KPI	Key Performance Indicator
KQI	Key Quality Indicator
LTE	Long Term Evolution
RAT	Radio Access Technology
TTI	Transmission Time Interval
UE	User Equipment
UMTS	Universal Mobile Telecommunications System
UTRAN	UMTS Radio Access Network