



**LTE;  
Evolved Universal Terrestrial Radio Access (E-UTRA)  
and Evolved Universal Terrestrial  
Radio Access Network (E-UTRAN);  
Derivation of test tolerances for User Equipment (UE)  
radio reception conformance tests  
(3GPP TR 36.904 version 12.1.0 Release 12)**



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650 Route des Lucioles  
F-06921 Sophia Antipolis Cedex - FRANCE

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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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# Contents

Intellectual Property Rights .....	2
Foreword.....	2
Modal verbs terminology.....	2
Foreword.....	4
Introduction .....	4
1 Scope .....	5
2 References .....	5
3 Definitions, symbols and abbreviations .....	5
3.1 Definitions .....	5
3.2 Symbols.....	5
3.3 Abbreviations .....	5
4 General Principles .....	6
4.1 Principle of Superposition .....	6
4.2 Sensitivity analysis .....	6
4.3 Statistical combination of uncertainties .....	6
4.4 Correlation between uncertainties .....	7
4.4.1 Uncorrelated uncertainties .....	7
4.4.2 Positively correlated uncertainties .....	7
4.4.3 Negatively correlated uncertainties.....	8
4.4.4 Treatment of uncorrelated uncertainties .....	9
4.4.5 Treatment of positively correlated uncertainties with adverse effect.....	9
4.4.6 Treatment of positively correlated uncertainties with beneficial effect .....	9
4.4.7 Treatment of negatively correlated uncertainties .....	9
5 Grouping of test cases defined in TS 36.521-1 .....	9
6 Determination of Test System Uncertainties.....	10
6.1 General .....	10
6.2 Uncertainty figures .....	11
7 Determination of Test Tolerances .....	11
7.1 General .....	11
<b>Annex A: Derivation documents.....</b>	<b>12</b>
<b>Annex B: Change History .....</b>	<b>13</b>
History .....	15

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## Introduction

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# 1 Scope

The present document specifies a general method used to derive Test Tolerances for UE radio reception conformance tests in 3GPP TS 36.521-1 [2], and establishes a system for relating the Test Tolerances to the measurement uncertainties of the Test System.

The test cases which have been analysed to determine Test Tolerances are included as .zip files.

The present document is applicable from Release 10 up to the release indicated on the front page of the present Terminal conformance specifications.

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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 TR 21.905: "Vocabulary for 3GPP Specifications".
- [2] 3GPP TS 36.521-1: "User Equipment (UE) conformance specification, Radio transmission and reception Part 1: conformance testing".
- [3] ETSI ETR 273-1-2: "Improvement of radiated methods of measurement (using test sites) and evaluation of the corresponding measurement uncertainties; Part 1: Uncertainties in the measurement of mobile radio equipment characteristics; Sub-part 2: Examples and annexes".

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# 3 Definitions, symbols and abbreviations

## 3.1 Definitions

For the purposes of the present document, the terms and definitions given in TR 21.905 [1] 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 [1].

Other definitions used in the present document are listed in 3GPP TS 36.521-1 [2].

## 3.2 Symbols

Symbols used in the present document are listed in 3GPP TR 21.905 [1], 3GPP TS 36.521-1 [2].

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