



**Universal Mobile Telecommunications System (UMTS);
LTE;
Electromagnetic compatibility (EMC);
Table of international requirements for mobile terminals and
ancillary equipment
(3GPP TR 34.926 version 12.0.0 Release 12)**



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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 and abbreviations.....	6
3.1 Definitions	6
4 Table of International EMC Requirements for Mobile terminals and ancillary equipment.....	8
Annex A (informative): Change history	11
History	12

Foreword

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Introduction

This Technical Report is a living document and will continuously be upgraded as standards and regulations change. Sections will be added for new regions or nations, which enter the 3GPP and have different requirements. It is the intention to reference global standards but where it is known that none exist then alternative standards mandated by the regional and or national requirements will be quoted.

The sole purpose of the document is as a reference to the current status at time of publication. When new versions are published they will supersede the previous ones.

1 Scope

The present document shows in tabular form most of the current regulatory and voluntary requirements by region or nation, and is for information purposes only.

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.
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- [1] IEC 61000-6-1 (1997): "Electromagnetic compatibility (EMC) – Part 6: Generic standards - Section 1: Immunity standard for residential, commercial and light-industrial environments".
- [2] IEC 61000-6-3 (1996): "Electromagnetic compatibility (EMC) – Part 6: Generic standards - Section 3: Emission standard for residential, commercial and light-industrial environments.
- [3] ISO 7637-1 (1990): "Road vehicles - Electrical disturbance by conduction and coupling - Part 1: Passenger cars and light commercial vehicles with nominal 12 V supply voltage - Electrical transient conduction along supply lines only".
- [4] ISO 7637-2 (1990): "Road vehicles - Electrical disturbance by conduction and coupling - Part 2: Commercial vehicles with nominal 24 V supply voltage - Electrical transient conduction along supply lines only".
- [5] RECOMMENDATION ITU-R SM.329 " Unwanted emissions in the spurious domain "
- [6] IEC CISPR publication 22; 3rd edition (1997-11); "Information technology equipment; Radio disturbance characteristics – Limits and methods of measurement"
- [7] IEC CISPR publication 16-1; (1993); "Radio disturbance and immunity measuring apparatus"; Am.1 (1997); "Specification for radio disturbance and immunity measuring apparatus and methods"
- [8] IEC 61000-3-2; (1995-03); "Electromagnetic compatibility; Part 3 - Limits; section 2 – Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)"; Am.1 (1997-09)
- [9] IEC 61000-3-3; (1994-12); "Electromagnetic compatibility; Part 3 - Limits; section 2 – Limitation of voltage fluctuations and flicker in low-voltage supply systems for equipment with rated current ≤ 16 A"
- [10] IEC 61000-4-2; "Electromagnetic compatibility (EMC) – Part 4: Testing and measurement techniques – section 2: Electrostatic discharge immunity test – Basic EMC publication"
- [11] IEC 61000-4-3; "Electromagnetic compatibility (EMC) – Part 4: Testing and measurement techniques – section 3: Radiated, radio-frequency electromagnetic field immunity test"
- [12] IEC 61000-4-4; "Electromagnetic compatibility (EMC) – Part 4: Testing and measurement techniques – section 4: Electrical fast transient/burst immunity test – Basic EMC publication"
- [13] IEC 61000-4-5; "Electromagnetic compatibility (EMC) – Part 4: Testing and measurement techniques – section 5: Surge immunity test"