
9`Y_fca U[bYfbUnXfi y`^j cghf9 A 7 L]b`nUXYj Yj`nj Ynj`n'fUX]`g_ ja `gdY_fca `f9 FA L!
6 UnbY dcbgHUY`f6 G L]b`i dcfUVb]y`_UcdfYa Ufl 9 L'nUW] bc`ca fYj`Y`=AH!&\$\$\$`fYhY
[YbYfUM]Y`!* "XY.`< Ufa cb]n]fUb]9 B`nU`=AH!&\$\$\$Z 7 8 A5 `H8 8 `fl HF 5 `H8 8 L`fl 9 Lz`_]
nUYa UV]ghj YbY`nU hYj Y` `YbU` "&X]fY`h] YF/ HH9

Electromagnetic compatibility and Radio spectrum Matters (ERM); Base Stations (BS) and User Equipment (UE) for IMT-2000 Third-Generation cellular networks; Part 6: Harmonized EN for IMT-2000, CDMA TDD (UTRA TDD) (UE) covering essential requirements of article 32 of the R&TTE Directive

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33.100.01	Elektromagnetna združljivost na splošno	Electromagnetic compatibility in general

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ETSI EN 301 908-6 V1.1.1 (2002-01)

Candidate Harmonized European Standard (Telecommunications series)

**Electromagnetic compatibility
and Radio spectrum Matters (ERM);
Base Stations (BS) and User Equipment (UE) for
IMT-2000 Third-Generation cellular networks;
Part 6: Harmonized EN for IMT-2000,
CDMA TDD (UTRA TDD) (UE)
covering essential requirements
of article 3.2 of the R&TTE Directive**

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Technical specifications relevant to Directive 1999/5/EC [1] are given in annex A.

National transposition dates	
Date of adoption of this EN:	4 January 2002
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Date of latest publication of new National Standard or endorsement of this EN (dop/e):	31 October 2002
Date of withdrawal of any conflicting National Standard (dow):	31 October 2003

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Introduction

The present document is part of a set of standards designed to fit in a modular structure to cover all radio and telecommunications terminal equipment under the R&TTE Directive [1]. Each standard is a module in the structure. The modular structure is shown in figure 1.

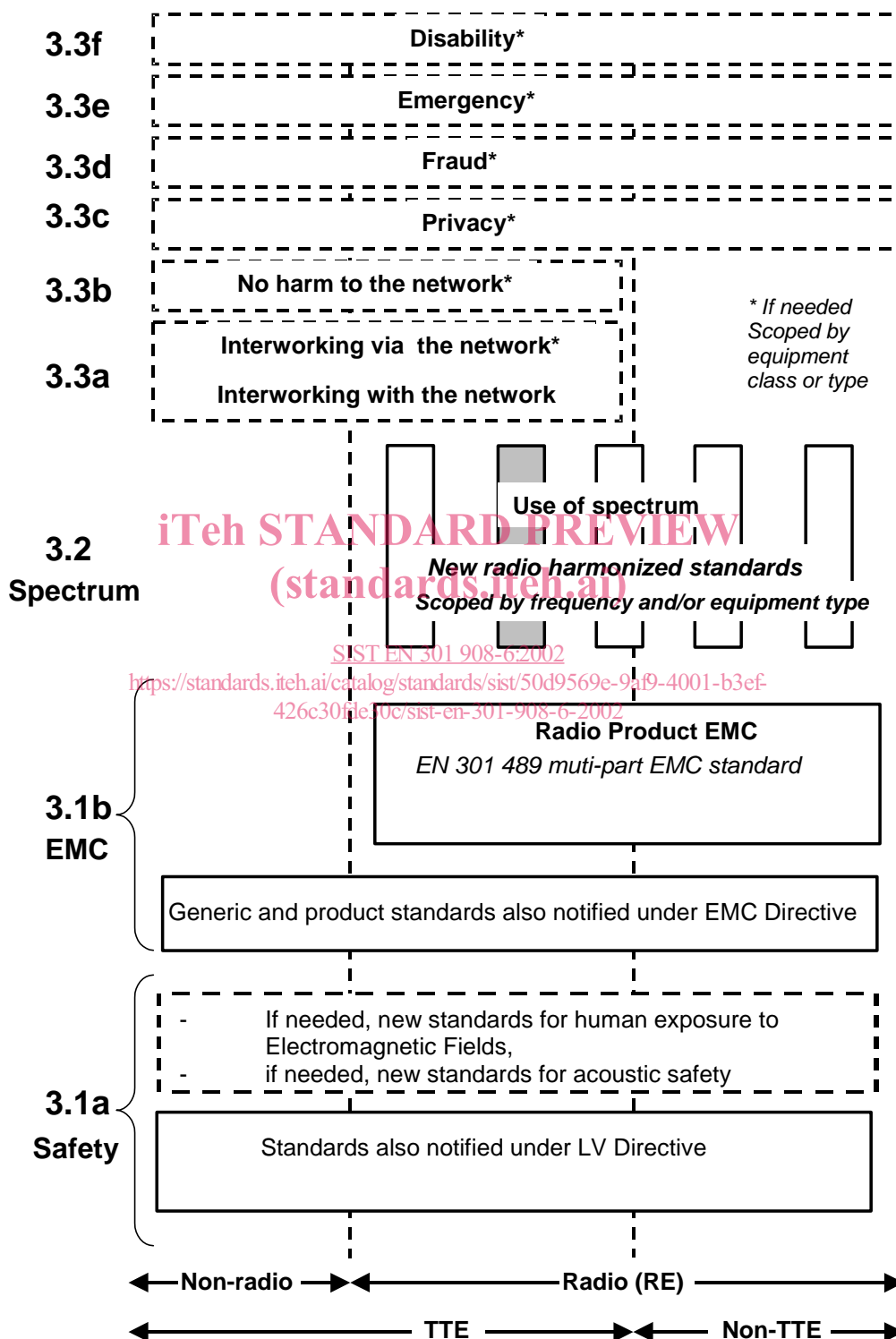


Figure 1: Modular structure for the various standards used under the R&TTE Directive

The left hand edge of the figure 1 shows the pertinent clauses of article 3 of the R&TTE Directive [1].

For article 3.3 various horizontal boxes are shown. Dotted lines indicate that at the time of publication of this standard essential requirements in these areas have to be adopted by the Commission. If such essential requirements are adopted, and as far and as long as they are applicable, they will justify individual standards whose scope is likely to be specified by function or interface type.

The vertical boxes show the standards under article 3.2 for the use of the radio spectrum by radio equipment. The scopes of these standards are specified either by frequency (normally in the case where frequency bands are harmonized) or by radio equipment type.

For article 3.1b figure 1 shows EN 301 489 [9], the multi-part product EMC standard for radio used under the EMC Directive [2].

For article 3.1a figure 1 shows the existing safety standards currently used under the LV Directive [3] and new standards covering human exposure to electromagnetic fields. New standards covering acoustic safety may also be required.

The bottom of the figure shows the relationship of the standards to radio equipment and telecommunications terminal equipment. A particular equipment may be radio equipment, telecommunications terminal equipment or both. A radio spectrum standard will apply if it is radio equipment. An article 3.3 standard will apply as well only if the relevant essential requirement under the R&TTE Directive [1] is adopted by the Commission and if the equipment in question is covered by the scope of the corresponding standard. Thus, depending on the nature of the equipment, the essential requirements under the R&TTE Directive [1] may be covered in a set of standards.

The modularity principle has been taken because:

- it minimizes the number of standards needed. Because equipment may, in fact, have multiple interfaces and functions it is not practicable to produce a single standard for each possible combination of functions that may occur in an equipment;
- it provides scope for standards to be added:
 - under article 3.2 when new frequency bands are agreed; or
 - under article 3.3 should the Commission take the necessary decisions without requiring alteration of standards that are already published;
- it clarifies, simplifies and promotes the usage of Harmonized Standards as the relevant means of conformity assessment.

The product specifications upon which this multi-part deliverable is based, differ in presentation, and this is reflected in the present document.

1 Scope

The present document applies to the following radio equipment type:

- User equipment for IMT-2000 CDMA TDD (UTRA 3,84 Mcps TDD).

This radio equipment type is capable of operating in all or any part of the frequency bands given in table 1.

Table 1: IMT-2000 CDMA TDD service frequency bands

Direction of transmission	IMT-2000 CDMA TDD service frequency bands
Transmit and Receive	1 900 MHz to 1 920 MHz
Transmit and Receive	2 010 MHz to 2 025 MHz

The present document covers the provisions of Directive 1999/5/EC (R&TTE Directive) [1] article 3.2, which states that "... radio equipment shall be so constructed that it effectively uses the spectrum allocated to terrestrial/space radio communications and orbital resources so as to avoid harmful interference".

In addition to the present document, other ENs that specify technical requirements in respect of essential requirements under other parts of article 3 of the R&TTE Directive [1] will apply to equipment within the scope of the present document.

NOTE: A list of such ENs is included on the web site: <http://www.newapproach.org/>.

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 and/or edition number or version number) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies.

- SIST EN 301 908-6:2002
<https://standards.iteh.ai/catalog/standards/sist/50d9569e-9af9-4001-b3ef-426c30de30c/sist-en-301-908-6-2002>
- [1] Directive 1999/5/EC of the European Parliament and of the Council of 9 March 1999 on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity.
 - [2] Council Directive 89/336/EEC of 3 May 1989 on the approximation of the laws of the Member States relating to electromagnetic compatibility.
 - [3] Council Directive 73/23/EEC of 19 February 1973 on the harmonization of the laws of Member States relating to electrical equipment designed for use within certain voltage limits.
 - [4] ETSI TR 100 028 (V1.3.1) (all parts): "Electromagnetic Compatibility and Radio Spectrum Matters (ERM); Uncertainties in the measurement of mobile radio equipment characteristics".
 - [5] ETSI TS 125 102 (V3.8.0) (2001): "Universal Mobile Telecommunications System (UMTS); UTRA (UE) TDD; Radio Transmission and Reception (3GPP TS 25.102 Release 1999)".
 - [6] ETSI TS 134 108 (V3.5.0) (2001): "Universal Mobile Telecommunications System (UMTS); Common Test Environments for User Equipment (UE) Conformance Testing (3GPP TS 34.108 version 3.5.0 Release 1999)".
 - [7] ETSI TS 134 109 (V3.4.0) (2001): "Universal Mobile Telecommunications System (UMTS); Terminal logical test interface; Special conformance testing functions (3GPP TS 34.109 version 3.4.0 Release 1999)".