



SLOVENSKI STANDARD

SIST EN 302 208-2 V1.1.1:2005

01-februar-2005

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ĚCdfYa UnU]XYbhZ_UM`c`fUX]`g_`j`ZY_j YbWZ_]XYi`Y`c`j`dUgi`cX`,*)`A<n`Xc`,*,
A<n`n`a`c`bcglb]a`j`b]j`c`^`Xc`&K`Ě`&`"XY.`<Ufa`cb]n]fUb]`9B`j`g_`UXi`g``Ybca`" `&
X]fY_hj`YF/`HH9

Electromagnetic compatibility and Radio spectrum Matters (ERM); Radio Frequency Identification Equipment operating in the band 865 MHz to 868 MHz with power levels up to 2 W; Part 2: Harmonized EN under article 3.2 of the R&TTE Directive

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33.100.01	Elektromagnetna združljivost na splošno	Electromagnetic compatibility in general

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Candidate Harmonized European Standard (Telecommunications series)

**Electromagnetic compatibility
and Radio spectrum Matters (ERM);
Radio Frequency Identification Equipment operating in the
band 865 MHz to 868 MHz with power levels up to 2 W;
Part 2: Harmonized EN under article 3.2
of the R&TTE Directive**

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Contents

Intellectual Property Rights	5
Foreword.....	5
Introduction	6
1 Scope	8
2 References	8
3 Definitions, symbols and abbreviations	9
3.1 Definitions	9
3.2 Symbols.....	9
3.3 Abbreviations	9
4 Technical requirements specifications	9
4.1 Interrogators	9
4.1.1 General performance criteria	9
4.2 Transmitter requirements	9
4.2.1 Frequency error.....	9
4.2.2 Frequency stability under low voltage conditions	10
4.2.3 Effective radiated power	10
4.2.4 Transmitter antenna beamwidth.....	10
4.2.5 Transmitter spectrum mask.....	10
4.2.6 Spurious emissions	10
4.2.7 Transmission times	10
4.3 Receiver requirements	10
4.3.1 Receiver threshold in listen mode.....	10
4.3.2 Listen time	10
4.3.3 Blocking or desensitisation in listen mode	10
4.3.4 Spurious emissions	10
4.4 Tag requirements.....	11
4.4.1 Emissions outside sub-band edges.....	11
5 Testing for compliance with technical requirements.....	11
5.1 Essential radio test suites.....	11
5.1.1 Environmental conditions for testing	11
5.1.1.1 Normal and extreme test conditions	11
5.1.1.2 Test power sources.....	11
5.1.2 Choice of samples for test suite	11
5.1.3 Transmitter test suites	11
5.1.3.1 Frequency error	11
5.1.3.2 Frequency stability under low voltage conditions.....	11
5.1.3.3 Effective radiated power	11
5.1.3.4 Transmitter antenna beamwidth.....	11
5.1.3.5 Transmitter spectrum mask	11
5.1.3.6 Spurious emissions.....	11
5.1.3.7 Transmission times.....	12
5.1.4 Receiver test suites.....	12
5.1.4.1 Receiver threshold in listen mode	12
5.1.4.2 Listen time.....	12
5.1.4.3 Blocking or desensitisation in listen mode.....	12
5.1.4.4 Spurious emissions.....	12
5.1.5 Tag test suites	12
5.1.5.1 Emissions outside sub-band edges	12
6 Interpretation of the measurement results	12
Annex A (normative): The EN Requirements Table (EN-RT)	14

Annex B (informative):	Bibliography.....	15
Annex C (informative):	The EN title in the official languages	16
History		17

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Foreword

This Candidate Harmonized European Standard (Telecommunications series) has been produced by ETSI Technical Committee Electromagnetic compatibility and Radio spectrum Matters (ERM).

The present document has been produced by ETSI in response to a mandate from the European Commission issued under Council Directive 98/34/EC (as amended) laying down a procedure for the provision of information in the field of technical standards and regulations.

The present document is intended to become a Harmonized Standard, the reference of which will be published in the Official Journal of the European Communities referencing the 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 ("the R&TTE Directive").

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

The present document is part 2 of a multi-part deliverable covering Radio Frequency Identification Equipment operating in the band 865 MHz to 868 MHz with power levels up to 2 W, as identified below:

Part 1: "Technical requirements and methods of measurement";

Part 2 "Harmonized EN under article 3.2 of the R&TTE Directive".

National transposition dates

Date of adoption of this EN:	3 September 2004
Date of latest announcement of this EN (doa):	31 December 2004
Date of latest publication of new National Standard or endorsement of this EN (dop/e):	30 June 2005
Date of withdrawal of any conflicting National Standard (dow):	30 June 2006

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.

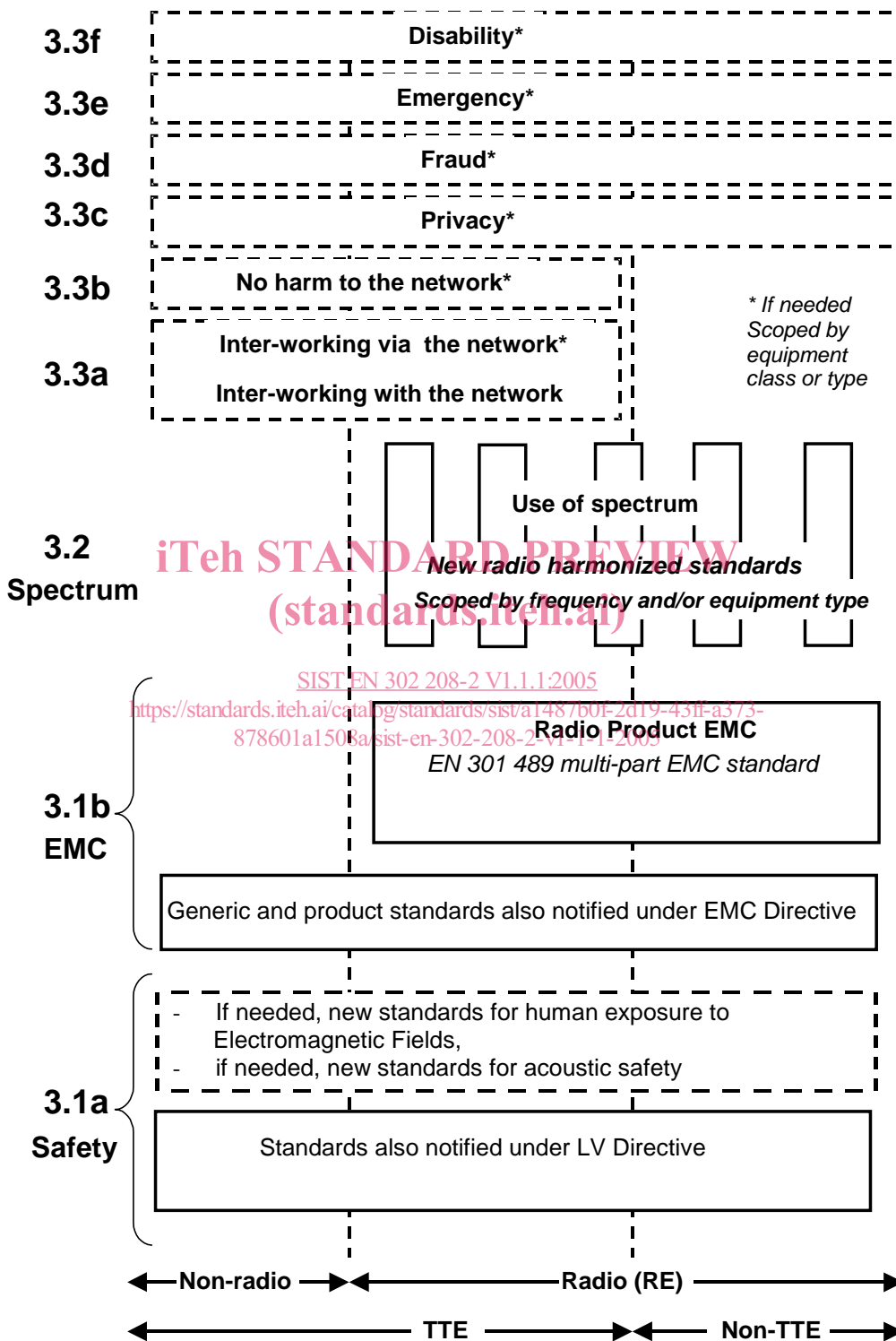


Figure 1: Modular structure for the various standards used under the R&TTE Directive [1]

The left hand edge of the figure 1 shows the different 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 the present document 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 the diagram shows EN 301 489, the multi-part product EMC standard for radio used under the EMC Directive [8].

For article 3.1a the diagram shows the existing safety standards currently used under the LV Directive [7] 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 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 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.