

SLOVENSKI STANDARD

DSIST EN 300 433-2:2001

01-1]^2001

9`Y_Hfca U[bYhbUnXfi ý`lj cghifØ A7L]b_nUXYj Yj `nj Yn]n'fUX]g_Ja `gdY_Hfca `fØFAŁ!
Głcf]hYj _cdYbg_`l a cV]b]_ca i b]_UW]^!`FUX]g_UcdfYa UnU76 `fV]h]nYbg`6 UbXŁ
n`Ua d`jh Xbc a cXi `UW]^c `b]Xj cVc b]a `cn]fcfa UYbcVc b]a `dfYbcgca `!&"XY.
<Ufa cb]n]fUb]`9Bż_`nU`Ya UV]glj YbYnU hYj Y `YbU` "&X]fY_Hj YF/ HH9

Electromagnetic compatibility and Radio spectrum Matters (ERM); Land Mobile Service; Double Side Band (DSB) and/or Single Side Band (SSB) amplitude modulated citizen's band radio equipment; Part 2: Harmonized EN covering essential requirements under article 3.2 of R&TTE Directive

Ta slovenski standard je istoveten z: EN 300 433-2 Version 1.1.1

ICS:

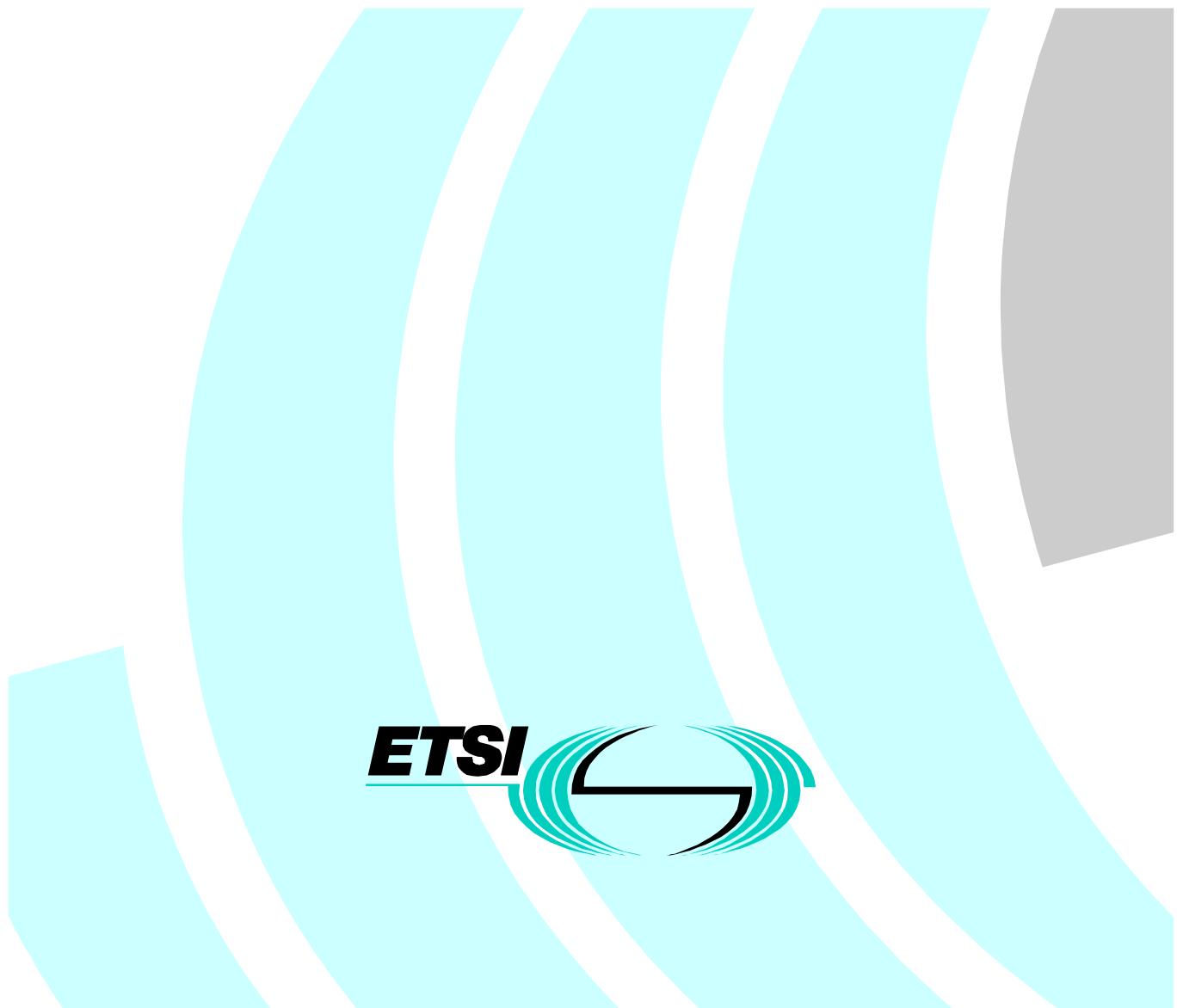
33.100.99	Drugi vidiki v zvezi z EMC	Other aspects related to EMC
-----------	----------------------------	------------------------------

DSIST EN 300 433-2:2001 en

ETSI EN 300 433-2 V1.1.1 (2000-08)

Candidate Harmonized European Standard (Telecommunications series)

**Electromagnetic compatibility
and Radio spectrum Matters (ERM);
Land Mobile Service; Double Side Band (DSB)
and/or Single Side Band (SSB) amplitude
modulated citizen's band radio equipment;
Part 2: Harmonized EN covering essential requirements
under article 3.2 of R&TTE Directive**



Reference

REN/ERM-RP02-053-2

Keywords

CB, radio, testing, regulation

ETSI

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
Sous-Préfecture de Grasse (06) N° 7803/88

Important notice

Individual copies of the present document can be downloaded from:
<http://www.etsi.org>

The present document may be made available in more than one electronic version or in print. In any case of existing or perceived difference in contents between such versions, the reference version is the Portable Document Format (PDF).
In case of dispute, the reference shall be the printing on ETSI printers of the PDF version kept on a specific network drive within ETSI Secretariat.

Users of the present document should be aware that the document may be subject to revision or change of status.
Information on the current status of this and other ETSI documents is available at <http://www.etsi.org/tb/status/>

If you find errors in the present document, send your comment to:
editor@etsi.fr

Copyright Notification

No part may be reproduced except as authorized by written permission.
The copyright and the foregoing restriction extend to reproduction in all media.

© European Telecommunications Standards Institute 2000.
All rights reserved.

Contents

Intellectual Property Rights.....	5
Foreword	5
Introduction	5
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 Environmental profile.....	9
4.2 Conformance requirements.....	9
4.2.1 Frequency error.....	9
4.2.1.1 Definition	9
4.2.1.2 Limit.....	9
4.2.1.3 Conformance	9
4.2.2 Carrier power (conducted).....	9
4.2.2.1 Definition	9
4.2.2.2 Limit.....	10
4.2.2.3 Conformance	10
4.2.3 Effective radiated power.....	10
4.2.3.1 Definition	10
4.2.3.2 Limit.....	10
4.2.3.3 Conformance	10
4.2.4 Adjacent channel power.....	10
4.2.4.1 Definition	10
4.2.4.2 Limit.....	10
4.2.4.3 Conformance	10
4.2.5 Transmitter spurious emissions.....	10
4.2.5.1 Definition	10
4.2.5.2 Limit.....	10
4.2.5.3 Conformance	10
4.2.6 Transient frequency behaviour of the transmitter	11
4.2.6.1 Definition	11
4.2.6.2 Limit.....	11
4.2.6.3 Conformance	11
4.2.7 Sensitivity.....	11
4.2.7.1 Definition	11
4.2.7.2 Limit.....	11
4.2.7.3 Conformance	11
4.2.8 Adjacent channel selectivity.....	11
4.2.8.1 Definition	11
4.2.8.2 Limit.....	11
4.2.8.3 Conformance	11
4.2.9 Spurious response rejection	11
4.2.9.1 Definition	11
4.2.9.2 Limit.....	11
4.2.9.3 Conformance	11
4.2.10 Intermodulation response rejection.....	12
4.2.10.1 Definition	12
4.2.10.2 Limit.....	12
4.2.10.3 Conformance	12
4.2.11 Receiver spurious radiations	12

4.2.11.1	Definition	12
4.2.11.2	Limit.....	12
4.2.11.3	Conformance	12
5	Testing for compliance with technical requirements	12
5.1	Test conditions, power supply and ambient temperatures	12
5.2	Essential radio test suites.....	12
5.2.1	Frequency error.....	12
5.2.2	Carrier power (conducted).....	12
5.2.3	Effective radiated power	12
5.2.4	Adjacent channel power.....	13
5.2.5	Transmitter spurious emissions.....	13
5.2.6	Transient frequency behaviour of the transmitter	13
5.3	Other test specifications	13
5.3.1	General.....	13
5.3.2	Sensitivity.....	13
5.3.3	Adjacent channel selectivity.....	13
5.3.4	Spurious response rejection	13
5.3.5	Intermodulation response rejection.....	13
5.3.6	Receiver spurious radiations	13
Annex A (normative):	The EN Requirements Table (EN-RT)	14
History		16

Intellectual Property Rights

IPRs essential or potentially essential to the present document may have been declared to ETSI. The information pertaining to these essential IPRs, if any, is publicly available for **ETSI members and non-members**, and can be found in ETSI SR 000 314: "*Intellectual Property Rights (IPRs); Essential, or potentially Essential, IPRs notified to ETSI in respect of ETSI standards*", which is available from the ETSI Secretariat. Latest updates are available on the ETSI Web server (<http://www.etsi.org/ipr>).

Pursuant to the ETSI IPR Policy, no investigation, including IPR searches, has been carried out by ETSI. No guarantee can be given as to the existence of other IPRs not referenced in ETSI SR 000 314 (or the updates on the ETSI Web server) which are, or may be, or may become, essential to the present document.

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 is the second part of a multi-part standard, the titles of which are:

Part 1: Technical characteristics and methods of measurement;

Part 2: Harmonized EN covering essential requirements under article 3.2 of R&TTE Directive.

The present document has been produced by ETSI in response to a mandate from the European Commission issued under Council Directive 98/34/EC [5] 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 [1] 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").

The national regulations on Citizen's Band equipment that permit the use of other types of modulation or power levels will not necessarily be affected by the adoption of this EN.

National transposition dates	
Date of adoption of this EN:	21 July 2000
Date of latest announcement of this EN (doa):	31 October 2000
Date of latest publication of new National Standard or endorsement of this EN (dop/e):	30 April 2001
Date of withdrawal of any conflicting National Standard (dow):	30 April 2001

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. Each standard is a module in the structure. The modular structure is shown in figure 1.

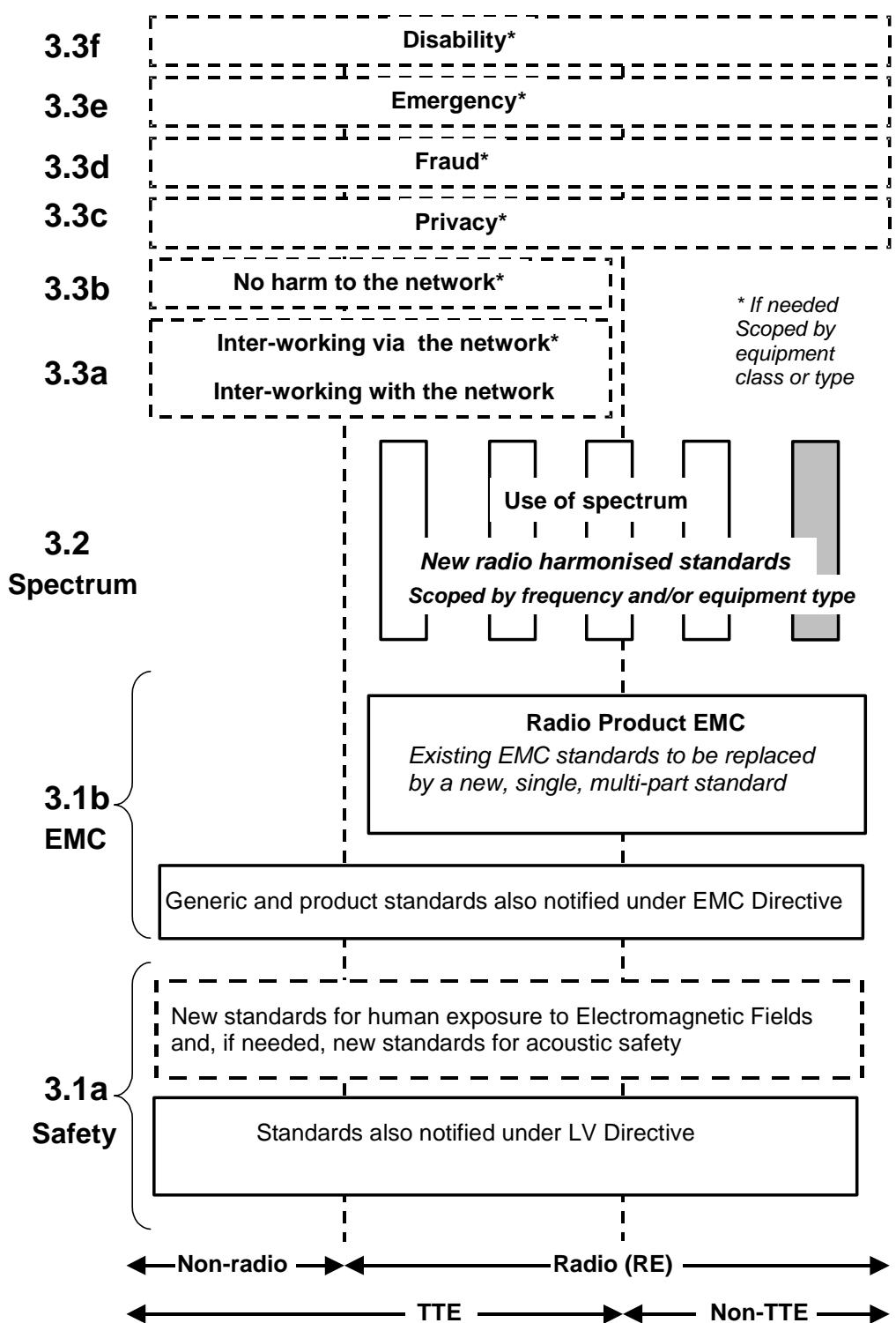


Figure 1: Modular structure for the various standards used under the R&TTE Directive

The left hand edge of the figure 1 shows the different subclauses 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.