

**Electromagnetic compatibility and
Radio spectrum Matters (ERM);
Land Mobile Service;
Citizens' Band (CB) radio equipment;
Part 2: Harmonized EN covering the essential requirements of
article 3.2 of the R&TTE Directive**

iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

[ETSI EN 300 433-2 V1.3.1 \(2011-07\)](https://standards.iteh.ai/catalog/standards/etsi/6503eff3-3aed-49f0-a52c-7ce7c50cbc90/etsi-en-300-433-2-v1-3-1-2011-07)

<https://standards.iteh.ai/catalog/standards/etsi/6503eff3-3aed-49f0-a52c-7ce7c50cbc90/etsi-en-300-433-2-v1-3-1-2011-07>



Reference

REN/ERM-TGDMR-266-2

Keywords

CB, radio, regulation, testing

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

(<https://standards.iteh.ai>)
Document Preview

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://portal.etsi.org/tb/status/status.asp>

If you find errors in the present document, please send your comment to one of the following services:

http://portal.etsi.org/chaicor/ETSI_support.asp

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 2010.
All rights reserved.

DECT™, **PLUGTESTS™**, **UMTS™**, **TIPHON™**, the TIPHON logo and the ETSI logo are Trade Marks of ETSI registered for the benefit of its Members.

3GPP™ is a Trade Mark of ETSI registered for the benefit of its Members and of the 3GPP Organizational Partners.

LTE™ is a Trade Mark of ETSI currently being registered

for the benefit of its Members and of the 3GPP Organizational Partners.

GSM® and the GSM logo are Trade Marks registered and owned by the GSM Association.

Contents

Intellectual Property Rights	5
Foreword.....	5
Introduction	5
1 Scope	6
2 References	7
2.1 Normative references	7
2.2 Informative references.....	7
3 Definitions, symbols and abbreviations	8
3.1 Definitions	8
3.2 Symbols.....	8
3.3 Abbreviations	8
4 Technical requirements	8
4.1 Environmental profile.....	8
4.2 Transmitter requirements	8
4.2.1 Frequency error.....	8
4.2.1.1 Definition	8
4.2.1.2 Limit.....	8
4.2.1.3 Conformance.....	8
4.2.2 Transmitter carrier power	8
4.2.2.1 Definition	8
4.2.2.2 Limit.....	8
4.2.2.3 Conformance.....	9
4.2.3 Maximum permissible frequency deviation.....	9
4.2.3.1 Definition	9
4.2.3.2 Limit.....	9
4.2.3.3 Conformance.....	9
4.2.4 Adjacent channel power.....	9
4.2.4.1 Definition	9
4.2.4.2 Limit.....	9
4.2.4.3 Conformance.....	9
4.2.5 Unwanted emissions in the spurious domain	9
4.2.5.1 Definition	9
4.2.5.2 Limits	9
4.2.5.3 Conformance.....	9
4.2.6 Transient behaviour of the transmitter	9
4.2.6.1 Definition	9
4.2.6.2 Limits	9
4.2.6.3 Conformance.....	10
4.3 Receiver requirements	10
4.3.1 Spurious radiations	10
4.3.1.1 Definition	10
4.3.1.2 Limits	10
4.3.1.3 Conformance.....	10
5 Testing for compliance with technical requirements.....	10
5.1 Environmental conditions for testing	10
5.1.1 Normal and extreme test-conditions	10
5.1.2 Test power source	10
5.1.3 Choice of samples for the measurements.....	10
5.2 Interpretation of the measurement results	10
5.3 Essential test suites.....	11
5.3.1 Frequency error.....	11
5.3.2 Transmitter carrier power	11
5.3.3 Maximum permissible frequency deviation.....	11