



**Electromagnetic compatibility
and Radio spectrum Matters (ERM);
Wireless microphones
in the 25 MHz to 3 GHz frequency range;
Part 2: Harmonized EN covering the essential requirements
of article 3.2 of the R&TTE Directive**

<https://standards.iteh.ai/catalog/standards/etsi/14a48edb-ac2b-49b1-91b2-548d887b2b65/etsi-en-300-422-2-v1-3-1-2011-08>

Reference

REN/ERM-TG17WG3-014-2

Keywords

audio, radio, radio MIC, 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 2011.
All rights reserved.

DECTTM, PLUGTESTSTM, UMTSTM and the ETSI logo are Trade Marks of ETSI registered for the benefit of its Members.
3GPPTM and LTETM are Trade Marks of ETSI 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	6
2.1 Normative references	6
2.2 Informative references.....	7
3 Definitions, symbols and abbreviations	7
3.1 Definitions.....	7
3.2 Symbols.....	7
3.3 Abbreviations	7
Part I: Radio microphones	7
4 Technical requirements specifications	7
4.1 Environmental profile.....	7
4.2 Conformance requirements	8
4.2.1 Frequency stability.....	8
4.2.1.1 Definition	8
4.2.1.2 Limit.....	8
4.2.1.3 Conformance.....	8
4.2.2 Rated Output Power.....	8
4.2.2.1 Definition	8
4.2.2.2 Limit.....	8
4.2.2.3 Conformance.....	8
4.2.3 Necessary bandwidth.....	8
4.2.3.1 Definition	8
4.2.3.2 Limit.....	8
4.2.3.3 Conformance.....	8
4.2.4 Spurious emissions	8
4.2.4.1 Definition	8
4.2.4.2 Limit.....	8
4.2.4.3 Conformance.....	9
4.3 Receiver requirements.....	9
4.3.1 Spurious emissions	9
4.3.1.1 Definition	9
4.3.1.2 Limit.....	9
4.3.1.3 Conformance.....	9
5 Testing for compliance with technical requirements.....	9
5.1 Environmental conditions for testing	9
5.2 Interpretation of the measurement results	9
5.3 Essential radio test suites.....	10
5.3.1 Transmitter test suites	10
5.3.1.1 Frequency stability.....	10
5.3.1.2 Rated Output Power	10
5.3.1.3 Necessary bandwidth	10
5.3.1.4 Spurious emissions.....	10
5.3.2 Receiver test suites.....	10
5.3.2.1 Spurious emissions.....	10
Part II: Assistive listening devices.....	11
6 Technical requirements specifications	11
6.1 Environmental profile.....	11