

ETSI EN 302 208-2 V1.4.1 (2011-11)



**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 covering the essential requirements
of article 3.2 of the R&TTE Directive**

<https://standards.iteh.ai/catalog/standards/etsi/72fcb28b-4a4a-456b-9cf7-9c7692686d29/etsi-en-302-208-2-v1-4-1-2011-11>

Reference

REN/ERM-TG34-013

Keywords

ID, radio, regulation, RFID, SRD

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	4
Foreword.....	4
Introduction	5
1 Scope	6
2 References	7
2.1 Normative references	7
2.2 Informative references.....	7
3 Definitions, symbols and abbreviations	7
3.1 Definitions.....	7
3.2 Symbols.....	7
3.3 Abbreviations	7
4 Technical requirements specifications	8
4.1 Environmental profile.....	8
4.1.1 Choice of samples for test suite	8
4.2 Transmitter conformance requirements.....	8
4.2.1 Frequency error.....	8
4.2.2 Frequency stability under low voltage conditions	8
4.2.3 Effective radiated power	8
4.2.4 Transmitter antenna beamwidth.....	8
4.2.5 Transmitter spectrum mask.....	8
4.2.6 Transmitter spurious emissions.....	8
4.2.7 Transmission times	9
4.3 Receiver conformance requirements	9
4.3.1 Receiver spurious radiations	9
4.4 Tag conformance requirements	9
4.4.1 Radiated power	9
4.4.2 Unwanted emissions	9
5 Testing for compliance with technical requirements.....	9
5.1 Environmental conditions for testing	9
5.1.1 Normal and extreme test conditions.....	9
5.1.2 Test power sources.....	9
5.2 Interpretation of the measurement results	10
5.3 Essential transmitter test suites.....	10
5.3.1 Frequency error.....	10
5.3.2 Frequency stability under low voltage conditions	10
5.3.3 Effective radiated power	10
5.3.4 Transmitter antenna beamwidth.....	10
5.3.5 Transmitter spectrum mask.....	10
5.3.6 Transmitter spurious emissions.....	10
5.3.7 Transmission times	10
5.4 Essential receiver test suites	10
5.4.1 Receiver spurious radiations	10
5.5 Essential tag test suites	11
5.5.1 Radiated power	11
5.5.2 Unwanted emissions	11
Annex A (normative): HS Requirements and conformance Test specifications Table (HS-RTT).....	12
Annex B (informative): The EN title in the official languages	14
Annex C (informative): Bibliography.....	15
History	16