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Radio data system (RDS) - Receiver products and characteristics - Methods of Measurement

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 09/15

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 62634

May 2015

ICS 33.060.20

Supersedes EN 62634:2011

English Version

**Radio data system (RDS) - Receiver products and
characteristics - Methods of Measurement
(IEC 62634:2015)**

Système de radiodiffusion de données (RDS) - Récepteurs
et caractéristiques - Méthodes de mesure
(IEC 62634:2015)

RDS-Empfänger-Produkte und -Eigenschaften -
Messverfahren
(IEC 62634:2015)

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Foreword

The text of document 100/2121/CDV, future edition 2 of IEC 62634, prepared by Technical Area 1 "Terminals for audio, video and data services and contents" of IEC/TC 100 "Audio, video and multimedia systems and equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62634:2015.

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<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 62106	-	Specification of the Radio Data System (RDS) for VHF/FM sound broadcasting in the frequency range from 87,5 to 108,0 MHz	EN 62106	-



IEC 62634

Edition 2.0 2015-03

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Radio data system (RDS) – Receiver products and characteristics – Methods of measurement

Système de radiodiffusion de données (RDS) – Récepteurs et caractéristiques – Méthodes de mesure



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IEC 62634

Edition 2.0 2015-03

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Radio data system (RDS) – Receiver products and characteristics – Methods of measurement

Système de radiodiffusion de données (RDS) – Récepteurs et caractéristiques – Méthodes de mesure

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CONTENTS

FOREWORD.....	4
INTRODUCTION.....	6
1 Scope.....	7
2 Normative references.....	7
3 Terms, definitions and abbreviations	7
3.1 Terms and definitions	7
3.2 Abbreviations	8
4 Measuring method	8
4.1 Standard measuring signal	8
4.2 RDS data conditions.....	9
4.2.1 General	9
4.2.2 Matching circuit.....	9
5 Measurement of the RDS sensitivity	10
5.1 General.....	10
5.2 Method of measurement	10
5.3 Presentation of the results.....	10
6 Measurement of the RDS data acquisition	10
6.1 General.....	10
6.2 Time to synchronise	10
6.3 Time to detect a first PI	11
6.4 Method of measurement.....	11
7 Measurement of the large signal capabilities	11
7.1 General.....	11
7.2 Resistance to high wanted signal levels.....	11
7.2.1 Method of measurement.....	11
7.2.2 Large wanted signal requirement.....	11
7.3 RDS performance at large unwanted signal	11
7.3.1 Method of measurement.....	11
7.3.2 Large unwanted signal requirements	12
8 Measurement of the RDS selectivity	12
8.1 General.....	12
8.2 Method of measurement.....	12
9 Considerations and guidelines for evaluation of the dynamic RDS performance	13
9.1 General.....	13
9.2 RDS dynamic behaviour	13
9.3 Traffic announcements TA/TP	14
9.3.1 TA message.....	14
9.3.2 End of TA message.....	14
9.3.3 TP search	14
9.3.4 TA announcement skip.....	14
9.4 Regionalisation	14
9.4.1 Implementations.....	14
9.4.2 Requirement	15
Bibliography	16

Figure 1 – Coupling circuit	9
Figure 2 – Matching circuits for RDS product devices with three different input impedances	9
Table 1 – Presentation of the measurement result	12
Table 2 – AF example	15

INTERNATIONAL ELECTROTECHNICAL COMMISSION

**RADIO DATA SYSTEM (RDS) – RECEIVER PRODUCTS
AND CHARACTERISTICS – METHODS OF MEASUREMENT**

FOREWORD

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International Standard IEC 62634 has been prepared by technical area 1: Terminals for audio, video and data services and contents, of IEC technical committee 100: Audio, video and multimedia systems and equipment.

This second edition cancels and replaces the first edition published in 2011. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- the ± 100 kHz test measurement case from Clause 8 of IEC 62634:2011 was deleted as it did not permit to achieve stable and reproducible measurement results;
- an error has been corrected. The term "de-emphasis" shall read correctly "pre-emphasis".

The text of this standard is based on the following documents:

CDV	Report on voting
100/2121/CCDV	100/2419/RVC

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

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- reconfirmed,
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- replaced by a revised edition, or
- amended.

INTRODUCTION

This International Standard gives commonly agreed measuring methods to complement the RDS standard IEC 62106 and the RBDS standard (NRSC-4-A) in the USA.

The RDS measuring methods presented here are directed at all manufacturers of RDS receiver products, and in particular tuner modules with embedded RDS functionality, including TMC (see ISO 14819 series of standards).

RADIO DATA SYSTEM (RDS) – RECEIVER PRODUCTS AND CHARACTERISTICS – METHODS OF MEASUREMENT

1 Scope

This International Standard describes how to measure minimum RDS receiver performance requirements which concern three RDS receiver product categories. However, it should be noted that there are also RDS receiver products on the market that significantly out-perform the minimum RDS receiver performance requirements quoted.

Methods and algorithms to achieve automatic programme service-following by means of AF lists are, however, very customer- and manufacturer-specific, and are therefore not covered in this standard.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 62106, *Specification of the Radio Data System (RDS) for VHF/FM sound broadcasting in the frequency range from 87,5 MHz to 108,0 MHz*

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