

<b>STN</b>	<b>Zariadenia krátkeho dosahu (SRD) pracujúce v rozsahu od 1 GHz do 40 GHz Harmonizovaná norma pre prístup k rádiovému spektru Časť 2: Rádiodeterminačné zariadenia na aplikácie sledovania polohy pracujúce vo frekvenčnom rozsahu od 2,4 GHz do 2,4835 GHz</b>	<b>STN EN 300 440-2 V3.1.1</b>  87 0440
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Short Range Devices (SRD) operating in 1 GHz to 40 GHz; Harmonised Standard for access to radio spectrum; Part 2: Radiodetermination equipment for location tracking applications operating in the frequency range 2,4 GHz to 2,4835 GHz

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. 02/26

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# ETSI EN 300 440-2 V3.1.1 (2025-10)



HARMONISED EUROPEAN STANDARD

**Short Range Devices (SRD) operating in 1 GHz to 40 GHz;  
Harmonised Standard for access to radio spectrum;  
Part 2: Radiodetermination equipment for location tracking  
applications operating in the frequency range  
2,4 GHz to 2,4835 GHz**

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# Foreword

This Harmonised European Standard (EN) has been produced by ETSI Technical Committee Electromagnetic compatibility and Radio spectrum Matters (ERM).

The present document has been prepared under the Commission's standardisation request C(2015) 5376 final [i.4] to provide one voluntary means of conforming to the essential requirements of Directive 2014/53/EU on the harmonisation of the laws of the Member States relating to the making available on the market of radio equipment and repealing Directive 1999/5/EC [i.3].

Once the present document is cited in the Official Journal of the European Union under that Directive, compliance with the normative clauses of the present document given in Table A.1 confers, within the limits of the scope of the present document, a presumption of conformity with the corresponding essential requirements of that Directive and associated EFTA regulations.

The present document is part 2 of a multi-part deliverable covering Short Range Devices (SRD) operating in 1 GHz to 40 GHz; Harmonised Standard for access to radio spectrum, as identified below:

Part 1: "Radiocommunication equipment in the frequency ranges 2,4 GHz to 2,4835 GHz and 5,725 GHz to 5,875 GHz";

**Part 2: "Radiodetermination equipment for location tracking applications operating in the frequency range 2,4 GHz to 2,4835 GHz";**

Part 3: "Intrusion radiodetermination equipment operating in the frequency range 1 GHz to 40 GHz".

NOTE: The list above shows the planned multi-part deliverable, at the time, when the present document was published.

National transposition dates	
Date of adoption of this EN:	17 September 2025
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Date of latest publication of new National Standard or endorsement of this EN (dop/e):	30 June 2026
Date of withdrawal of any conflicting National Standard (dow):	30 June 2027

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## Modal verbs terminology

In the present document "**shall**", "**shall not**", "**should**", "**should not**", "**may**", "**need not**", "**will**", "**will not**", "**can**" and "**cannot**" are to be interpreted as described in clause 3.2 of the [ETSI Drafting Rules](#) (Verbal forms for the expression of provisions).

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## Introduction

Attention is drawn to new clauses 4.1 and 5.1 which ensure that requirements and tests apply at all operating conditions within the environmental profile given by the equipment's intended use. The intended use is provided in equipment documentation according to article 10 of the Radio Equipment Directive 2014/53/EU [i.3].

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# 1 Scope

The present document specifies technical requirements, limits, and test methods for radiodetermination equipment for location tracking applications operating in the frequency range 2,4 GHz to 2,4835 GHz.

Further details of the covered equipment can be found in clause 4.2 of the present document.

NOTE: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU [i.3] is given in annex A.

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## 2 References

### 2.1 Normative references

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- [1] [ETSI EN 303 883-1 \(V2.1.1\) \(08-2024\)](#): "Short Range Devices (SRD) and Ultra Wide Band (UWB); Part 1: Measurement techniques for transmitter requirements".
- [2] [ETSI EN 303 883-2 \(V2.1.1\) \(08-2024\)](#): "Short Range Devices (SRD) and Ultra Wide Band (UWB); Part 2: Measurement techniques for receiver requirements".
- [3] [ETSI TS 103 941 \(V1.1.1\) \(01-2024\)](#): "Short Range Devices (SRD) and Ultra Wide Band (UWB); Measurement setups and specifications for testing under full environmental profile (normal and extreme environmental conditions)".

### 2.2 Informative references

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- [i.1] Void.
- [i.2] [Commission Implementing Decision \(EU\) 2025/105](#) of 22 January 2025 amending Decision 2006/771/EC updating harmonised technical conditions in the area of radio spectrum use for short-range devices and repealing Implementing Decision 2014/641/EU on harmonised technical conditions of radio spectrum use by wireless audio programme making and special events equipment in the Union.
- [i.3] [Directive 2014/53/EU](#) of the European Parliament and of the Council of 16 April 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of radio equipment and repealing Directive 1999/5/EC.

- [i.4] [Commission Implementing Decision C\(2015\) 5376 final of 4.8.2015](#) on a standardisation request to the European Committee for Electrotechnical Standardisation and to the European Telecommunications Standards Institute as regards radio equipment in support of Directive 2014/53/EU of the European Parliament and of the Council.
- [i.5] [ETSI EG 203 336 \(V1.2.1\)](#): "Guide for the selection of technical parameters for the production of Harmonised Standards covering article 3.1(b) and article 3.2 of Directive 2014/53/EU".
- [i.6] [ETSI TS 103 567 \(V1.1.1\)](#): "Requirements on signal interferer handling".
- [i.7] [ERC/REC 74-01](#): "Unwanted emissions in the spurious domain", latest amendment on 23 May 2022.
- [i.8] ETSI TR 102 273-2 (V1.2.1): "Electromagnetic compatibility and Radio spectrum Matters (ERM); Improvement on Radiated Methods of Measurement (using test site) and evaluation of the corresponding measurement uncertainties; Part 2: Anechoic chamber".
- [i.9] ETSI TS 102 321 (V1.1.1): "Electromagnetic compatibility and Radio spectrum Matters (ERM); Normalized Site Attenuation (NSA) and validation of a fully lined anechoic chamber up to 40 GHz".
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