

<b>STN</b>	<b>Digitálne rozšírené bezdrôtové telekomunikácie (DECT) Harmonizovaná norma pre prístup k rádiovému spektru Časť 2: DECT-2020 NR</b>	<b>STN EN 301 406-2 V3.1.1</b>  87 1406
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Digital Enhanced Cordless Telecommunications (DECT); Harmonised Standard for access to radio spectrum; Part 2: DECT-2020 NR

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

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Harmonised Standard for access to radio spectrum;  
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# Foreword

This Harmonised European Standard (EN) has been produced by ETSI Technical Committee Digital Enhanced Cordless Telecommunications (DECT).

The present document has been prepared under the Commission's standardisation request C(2015) 5376 final [i.1] 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.2].

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. Full details of the entire series can be found in part 1 [i.15].

The present document covers DECT-2020 NR (New Radio) as defined by the multi-part technical specification ETSI TS 103 636 (see [i.12] for an overview).

National transposition dates	
Date of adoption of this EN:	27 July 2023
Date of latest announcement of this EN (doa):	31 October 2023
Date of latest publication of new National Standard or endorsement of this EN (dop/e):	30 April 2024
Date of withdrawal of any conflicting National Standard (dow):	30 April 2025

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## Modal verbs terminology

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# 1 Scope

The present document specifies technical characteristics and methods of measurements for equipment employing DECT-2020 NR (New Radio) as specified in by the multi-part technical specification ETSI TS 103 636, see [i.12] for an overview.

**Table 1: Radiocommunications service frequency bands**

Radiocommunications service frequency bands	
Transmit	1 880 MHz to 1 900 MHz
Receive	1 880 MHz to 1 900 MHz

National regulation can allow additional frequency bands. The limits and test procedures included in the present document are applicable for DECT-2020 NR use in frequency ranges below 6 GHz.

NOTE: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU [i.2] is given in annex A.

## 2 References

### 2.1 Normative references

References are either specific (identified by date of publication and/or edition number or version number) or non-specific. For specific references, only the cited version applies. For non-specific references, the latest version of the referenced document (including any amendments) applies.

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The following referenced documents are necessary for the application of the present document.

[1] [ETSI TS 103 636-4 \(V1.4.1\)](#): "DECT-2020 New Radio (NR); Part 4: MAC layer; Release 1".

### 2.2 Informative references

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The following referenced documents are not necessary for the application of the present document but they assist the user with regard to a particular subject area.

[i.1] [M/536 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.2] [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.3] Void.

- [i.4] [ERC Recommendation 74-01](#): "Unwanted emissions in the spurious domain", Edition May 2019.
- [i.5] Void.
- [i.6] ETSI EG 203 367 (V1.1.1) (06-2016): "Guide to the application of harmonised standards covering articles 3.1b and 3.2 of the Directive 2014/53/EU (RED) to multi-radio and combined radio and non-radio equipment".
- [i.7] ETSI TR 100 028-1 (V1.4.1) (12-2001): "Electromagnetic compatibility and Radio spectrum Matters (ERM); Uncertainties in the measurement of mobile radio equipment characteristics; Part 1".
- [i.8] ETSI TR 100 028-2 (V1.4.1) (12-2001): "Electromagnetic compatibility and Radio spectrum Matters (ERM); Uncertainties in the measurement of mobile radio equipment characteristics; Part 2".
- [i.9] ETSI TR 102 273-2 (V1.2.1) (12-2001): "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.10] ETSI TR 102 273-3 (V1.2.1) (12-2001): "Electromagnetic compatibility and Radio spectrum Matters (ERM); Improvement on Radiated Methods of Measurement (using test site) and evaluation of the corresponding measurement uncertainties; Part 3: Anechoic chamber with a ground plane".
- [i.11] ETSI TR 102 273-4 (V1.2.1) (12-2001): "Electromagnetic compatibility and Radio spectrum Matters (ERM); Improvement on Radiated Methods of Measurement (using test site) and evaluation of the corresponding measurement uncertainties; Part 4: Open area test site".
- [i.12] ETSI TS 103 636 (all parts): "DECT-2020 New Radio (NR)".
- [i.13] ETSI TS 103 636-2: "DECT-2020 New Radio (NR); Part 2: Radio reception and transmission requirements; Release 1".
- [i.14] ETSI TS 103 636-3: "DECT-2020 New Radio (NR); Part 3: Physical layer; Release 1".
- [i.15] ETSI EN 301 406-1: "Digital Enhanced Cordless Telecommunications (DECT); Harmonised Standard for access to radio spectrum; Part 1: DECT, DECT Evolution and DECT ULE".
- [i.16] ETSI EG 203 336: "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".

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