

<b>STN</b>	<b>Námorné širokopásmové rádiové spojenie pracujúce vo frekvenčných pásmach od 5 852 MHz do 5 872 MHz a/alebo od 5 880 MHz do 5 900 MHz pre lodnú a pobrežnú inštaláciu určené pre vykonávanie koordinovanej činnosti Harmonizovaná norma pre prístup k rádiovému spektru</b>	<b>STN EN 303 276 V1.2.1</b>  87 3276
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Maritime Broadband Radiolink operating within the bands 5 852 MHz to 5 872 MHz and/or 5 880 MHz to 5 900 MHz for ships and off-shore installations engaged in coordinated activities; Harmonised Standard for access to radio spectrum

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. 09/21

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# ETSI EN 303 276 V1.2.1 (2021-01)



**Maritime Broadband Radiolink operating within the bands  
5 852 MHz to 5 872 MHz and/or 5 880 MHz to 5 900 MHz for  
ships and off-shore installations  
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Harmonised Standard for access to radio spectrum**

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**Reference**

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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.2] 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.1].

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.

National transposition dates	
Date of adoption of this EN:	6 January 2021
Date of latest announcement of this EN (doa):	30 April 2021
Date of latest publication of new National Standard or endorsement of this EN (dop/e):	31 October 2021
Date of withdrawal of any conflicting National Standard (dow):	31 October 2022

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## Modal verbs terminology

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# 1 Scope

The present document specifies technical characteristics and methods of measurements for below-deck equipment for maritime mobile broadband radiocommunication systems (MBR) radio equipment utilizing integral electronically phase steered antennae applicable for communications between vessels and between vessels and platforms engaged in coordinated off-shore activities and intended to operate at the frequencies shown in table 1, operating with linear polarization or Left Hand Circular Polarization (LHCP)

**Table 1: MBR operating frequencies**

Operation	MBR operating frequencies
Transmission	5 862 MHz, 5 890 MHz
Reception	5 862 MHz, 5 890 MHz

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

## 2 References

### 2.1 Normative references

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

- [1] Recommendation ITU-T O.150 (05-1996) plus corrigendum 1 (05/2002): "General requirements for instrumentation for performance measurements on digital transmission equipment".
- [2] ETSI TS 103 052 (V1.1.1) (03-2011): "Electromagnetic compatibility and Radio spectrum Matters (ERM); Radiated measurement methods and general arrangements for test sites up to 100 GHz".

### 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] 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.2] 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.3] ECC Recommendation (17)03 (2017): "Guidance for the harmonised use and coordination of Maritime Broadband Radio (MBR) systems on board ships and off-shore platforms operating within the frequency bands 5852-5872 MHz and 5880-5900 MHz".
- [i.4] ETSI EG 203 336 (V1.2.1) (05-2020): "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.5] ERC Recommendation 74-01 (2019): "Unwanted emissions in the spurious domain".
- [i.6] ITU Radio Regulations (2020).

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