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Maritime Location Systems; Radio transmitters and receivers for radio links in maritime radio location systems operating in the 9 GHz frequency band (X band)

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

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**Maritime Location Systems;
Radio transmitters and receivers for radio links
in maritime radio location systems
operating in the 9 GHz frequency band (X band)**

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Contents

Intellectual Property Rights	5
Foreword.....	5
Modal verbs terminology.....	5
Introduction	6
1 Scope	7
2 References	7
2.1 Normative references	7
2.2 Informative references.....	7
3 Definition of terms, symbols and abbreviations.....	8
3.1 Terms.....	8
3.2 Symbols.....	8
3.3 Abbreviations	8
4 Technical requirements	9
4.1 Environmental profile.....	9
4.2 Construction	9
4.3 Controls and indicators.....	9
4.4 Safety precautions	9
4.5 Labelling.....	10
4.6 Frequencies.....	10
4.7 Polarization.....	10
4.8 Transceiver data interface.....	10
5 General conditions of measurements	10
5.1 Test site and general arrangements for measurements	10
5.2 General	10
5.3 Impedance	11
5.4 Tests of equipment with a notch filter.....	11
5.5 Facilities for access	11
5.5.1 Coupling arrangements.....	11
5.6 Modes of operation of the transmitter	11
6 Test conditions	11
6.1 General	11
6.2 Test signals.....	11
6.3 Normal test conditions.....	11
6.3.1 Normal temperature and humidity	11
6.3.2 Normal power source.....	12
6.3.2.1 Mains voltage and frequency	12
6.3.2.2 Battery power source.....	12
6.3.2.3 Other power sources.....	12
6.4 Extreme test conditions	12
6.4.1 General requirements.....	12
6.4.2 Extreme temperatures	12
6.4.3 Extreme values of test power source	12
6.4.3.1 Mains voltage and frequency	12
6.4.3.2 Battery power source.....	12
6.4.3.3 Other power sources.....	12
6.4.4 Procedure for tests at extreme temperatures	12
7 Environmental tests	13
7.1 General requirements	13
7.2 Procedure.....	13
7.3 Performance check	13
7.4 Vibration tests	13
7.4.1 Purpose	13

7.4.2	Method of measurement	13
7.4.3	Requirement.....	14
7.5	Damp heat	14
7.5.1	Purpose	14
7.5.2	Method of measurement	14
7.5.3	Requirement.....	14
8	Transmitter	14
8.1	Frequency error	14
8.1.1	Definition.....	14
8.1.2	Method of measurement	14
8.1.3	Limit	14
8.2	Transmitter EIRP.....	14
8.2.1	Definition.....	14
8.2.2	Method of measurement	15
8.2.3	Limit	15
8.3	Transmitter B _{-40 dB} bandwidth.....	15
8.3.1	Definition.....	15
8.3.2	Method of measurement	15
8.3.3	Limit	15
8.4	Transmitter out-of-band emissions.....	15
8.4.1	Definition.....	15
8.4.2	Method of measurement	15
8.4.3	Limit	16
8.5	Transmitter spurious emissions	16
8.5.1	Definition.....	16
8.5.2	Method of measurement	16
8.5.3	Limit	17
8.6	Standby mode emissions	17
8.6.1	Definition.....	17
8.6.2	Method of measurement	17
8.6.3	Limits.....	17
9	Receiver.....	17
9.1	Maximum usable sensitivity.....	17
9.1.1	Definition.....	17
9.1.2	Method of measurement	17
9.1.3	Limit	17
9.2	Co-channel rejection.....	18
9.2.1	Definition.....	18
9.2.2	Method of measurement	18
9.2.3	Limit	18
9.3	Adjacent channel selectivity.....	18
9.3.1	Definition.....	18
9.3.2	Method of measurement	18
9.3.3	Limit	19
9.4	Blocking	19
9.4.1	Definition.....	19
9.4.2	Method of measurement	19
9.4.3	Limit	19
10	Testing for compliance with technical requirements.....	19
10.1	Environmental conditions for testing	19
10.2	Interpretation of the measurement results	20
	History	21

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Foreword

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

National transposition dates	
Date of adoption of this EN:	16 April 2021
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Introduction

The present document applies to systems utilizing radio links between platforms and vessels for dynamic positioning of vessels engaged in coordinated maritime activities.

1 Scope

The present document specifies technical characteristics and methods of measurements for radiolocation equipment with the following characteristics:

- intended to operate in maritime dynamic positioning systems functioning with full duplex links having a duplex separation of 30 MHz;
- operating in the 9 GHz frequency band;
- with an integral antenna.

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 E.161 (02-2001): "Arrangement of digits, letters and symbols on telephones and other devices that can be used for gaining access to a telephone network".
- [2] ISO 25862:2019: "Ships and marine technology -- Marine magnetic compasses, binnacles and azimuth reading devices".
- [3] 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".
- [4] ERC Recommendation 74-01 (2019): "Unwanted emissions in the spurious domain".
- [5] ISO 7010:2019: "Graphical symbols - Safety colours and safety signs - Registered safety signs".

2.2 Informative references

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