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Satellite Earth Stations and Systems (SES); Satellite broadcast reception equipment; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU; Part 2: Indoor unit

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. 01/17

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**Satellite Earth Stations and Systems (SES);
Satellite broadcast reception equipment;
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of article 3.2 of the Directive 2014/53/EU;
Part 2: Indoor unit**

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Contents

Intellectual Property Rights	4
Foreword.....	4
Modal verbs terminology.....	4
Introduction	4
1 Scope	5
2 References	5
2.1 Normative references	5
2.2 Informative references.....	5
3 Symbols and abbreviations.....	6
3.1 Symbols.....	6
3.2 Abbreviations	6
4 Technical requirements specifications	6
4.1 Environmental profile.....	6
4.2 Equipment capabilities	6
4.3 Conformance requirements	6
4.3.1 Adjacent signal selectivity	6
4.3.2 Dynamic range.....	7
5 Testing for compliance with technical requirements.....	7
5.1 Environmental conditions for testing	7
5.2 Interpretation of the measurement results	8
6 Test methods	8
6.1 Adjacent signal selectivity.....	8
6.2 Dynamic range	8
Annex A (normative): Relationship between the present document and the essential requirements of Directive 2014/53/EU	9
Annex B (informative): Interface between ODU and IDU	10
Annex C (informative): Applicability in conjunction with CENELEC EN 50585:2014	11
Annex D (informative): Applicability of parameters given in ETSI EG 203 336	12
Annex E (informative): Other IDU features and performance characteristics	13
History	14

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Foreword

This Harmonised European Standard (EN) has been produced by ETSI Technical Committee Satellite Earth Stations and Systems (SES).

The present document has been prepared under the Commission's standardisation request C(2015) 5376 final [i.5] 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 ETSI EN 303 372-1 [i.1].

National transposition dates	
Date of adoption of this EN:	13 April 2016
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Date of withdrawal of any conflicting National Standard (dow):	31 January 2018

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

See ETSI EN 303 372-1 [i.1].

1 Scope

The present document applies to indoor units (IDUs) for satellite broadcast reception. An indoor unit gets on an input interface the signal that has been received from satellite and processed by the outdoor unit (ODU). It performs carrier selection, demodulation, audio and video decoding.

Part of the IDU functionality may be integrated with the ODU. In that case the present document applies to this part of functionality as well as the remaining part in the IDU.

The indoor unit may be integrated with a domestic television receiver.

The present document contains requirements to demonstrate that radio equipment both effectively uses and supports the efficient use of radio spectrum in order to avoid harmful interference.

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

- [i.1] ETSI EN 303 372-1: "Satellite Earth Stations and Systems (SES); Satellite broadcast reception equipment; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU; Part-1: Outdoor unit receiving in the 10,7 GHz to 12,75 GHz frequency band".
- [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] ETSI EG 203 336 (V1.1.1): "Electromagnetic compatibility and Radio spectrum Matters (ERM); 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.4] CENELEC EN 50585:2014: "Communications protocol to transport satellite delivered signals over IP networks".
- [i.5] 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.

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