

**Broadcast Sound Receivers;
Part 2: AM broadcast sound service;
Harmonised Standard for access to radio spectrum**
(ETSI EN 303 345-2 V1.2.1 (2021-12))

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ÖVE/ÖNORM EN 303 345-2 V1.1.1:2020-04-01.

ETSI EN 303 345-2 V1.2.1 (2021-12)



**Broadcast Sound Receivers;
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Contents

Intellectual Property Rights	5
Foreword.....	5
Modal verbs terminology.....	6
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 specifications	9
4.1 Test signal configurations	9
4.2 Sensitivity	10
4.2.1 Definition	10
4.2.2 Limits.....	10
4.2.3 Conformance.....	11
4.3 Adjacent channel selectivity and blocking	11
4.3.1 Definition.....	11
4.3.2 Limits.....	11
4.3.3 Conformance.....	12
4.4 Unwanted emissions in the spurious domain.....	12
4.4.1 Definition.....	12
4.4.2 Limits.....	12
4.4.3 Conformance.....	12
5 Testing for compliance with technical requirements.....	13
5.1 Environmental conditions for testing	13
Annex A (informative): Relationship between the present document and the essential requirements of Directive 2014/53/EU	14
Annex B (informative): Test signal generation.....	15
Annex C (informative): Development of the present document	17
C.1 Introduction	17
C.2 Relevance	17
C.3 Receiver parameters under article 3.2	17
C.3.1 General	17
C.3.2 Receiver sensitivity	17
C.3.3 Receiver co-channel rejection	18
C.3.4 Receiver selectivity	18
C.3.4.1 General.....	18
C.3.4.2 Single signal selectivity	18
C.3.4.2.1 Receiver adjacent signal selectivity (adjacent channel selectivity).....	18
C.3.4.2.2 Receiver spurious response rejection	18
C.3.4.3 Receiver multiple signal selectivity	18
C.3.4.3.1 Receiver blocking	18
C.3.4.3.2 Receiver radio-frequency intermodulation.....	19
C.3.4.3.3 Receiver adjacent signal selectivity (adjacent channel selectivity).....	19
C.3.4.4 Other receiver effects.....	19

C.3.4.4.1	Receiver dynamic range	19
C.3.4.4.2	Reciprocal mixing	19
C.3.4.4.3	Desensitization	19
C.3.5	Receiver unwanted emissions in the spurious domain	20
Annex D (informative):	Change History	21
History		22

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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.

The present document is part 2 of a multi-part deliverable. Full details of the entire series can be found in part 1 [1].

The present document has a number of test data files that are contained in archive en_30334501v010101p0.zip which accompanies ETSI EN 303 345-1 [1].

National transposition dates	
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Date of withdrawal of any conflicting National Standard (dow):	30 September 2023

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Introduction

The present document provides the necessary limits and conformance requirements for radio receivers to meet the essential requirements of article 3.2 of Directive 2014/53/EU [i.1] for the AM sound broadcast service and is used with reference to ETSI EN 303 345-1 [1], which describes the generic requirements and test methods.

1 Scope

The present document specifies technical characteristics and methods of measurements for broadcast sound receivers with AM demodulation.

NOTE: The relationship between the present document and essential requirements of article 3.2 of Directive 2014/53/EU [i.1] 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 EN 303 345-1 (V1.1.1) (06-2019): "Broadcast Sound Receivers; Part 1: Generic requirements and measuring methods".
- [2] Recommendation ITU-R BS.468-4 (07-1986): "Measurement of audio-frequency noise voltage level in sound broadcasting".
- [3] Recommendation ITU-R BS.559-2 (06-1990): "Objective measurement of radio-frequency protection ratios in LF, MF and HF broadcasting".
- [4] EN 55032:2015: "Electromagnetic compatibility of multimedia equipment - Emission Requirements", produced by CENELEC.

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] Void.
- [i.4] Void.