



BSI Standards Publication

**Industrial, scientific and medical equipment —
Radio-frequency disturbance characteristics —
Limits and methods of measurement**

This is a preview of "BS EN 55011:2016+A2:...". [Click here to purchase the full version from the ANSI store.](#)

National foreword

This British Standard is the UK implementation of EN 55011:2016+A2:2021. It is derived from CISPR 11:2015, incorporating amendments 1:2016 and 2:2019. It supersedes BS EN 55011:2016+A11:2020, which will be withdrawn on 9 April 2024.

The CENELEC common modifications have been implemented at the appropriate places in the text. The start and finish of each common modification is indicated in the text by tags **[C]** **[C]**.

The start and finish of text introduced or altered by amendment is indicated in the text by tags. Tags indicating changes to CISPR text carry the number of the CISPR amendment. For example, text altered by CISPR amendment 1 is indicated by **[A₁]** **[A₁]**.

The UK participation in its preparation was entrusted to Technical Committee GEL/210/11, EMC - Standards Committee.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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More information on legislation can be found at www.gov.uk.

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Amendments/corrigenda issued since publication

Date	Text affected
31 July 2017	Implementation of CISPR amendment 1:2016 with CENELEC endorsement A1:2016
31 October 2017	Supersession details in national foreword corrected
31 March 2020	Implementation of CENELEC amendment A11:2020: Annex ZZ replaced
30 April 2021	Implementation of CISPR amendment 2:2019 with CENELEC endorsement A2:2021

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EUROPÄISCHE NORM

April 2021

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English Version

Industrial, scientific and medical equipment -
Radio-frequency disturbance characteristics -
Limits and methods of measurement
(CISPR 11:2015 , modified)

Appareils industriels, scientifiques et médicaux -
Caractéristiques de perturbations radioélectriques -
Limites et méthodes de mesure
(CISPR 11:2015 , modifiée)

Industrielle, wissenschaftliche und medizinische Geräte -
Funkstörungen - Grenzwerte und Messverfahren
(CISPR 11:2015 , modifiziert)

This European Standard was approved by CENELEC on 2016-02-15. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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The text of document CISPR/B/628/FDIS, future edition 6 of CISPR 11, prepared by CISPR SC B "Interference relating to industrial, scientific and medical radio-frequency apparatus, to other (heavy) industrial equipment, to overhead power lines, to high voltage equipment and to electric traction" of CISPR "International special committee on radio interference" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 55011:2016.

A draft amendment, which covers common modifications to CISPR 11:2015 (CISPR/B/628/FDIS), was prepared by CLC/TC 210, "Electromagnetic Compatibility (EMC)" and approved by CENELEC.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2017-02-15
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2019-02-15

This document supersedes EN 55011:2009.

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Clauses, subclauses, notes, tables, figures and annexes which are additional to those in CISPR 11:2015 are prefixed "Z".

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For the relationship with EU Directive(s), see informative Annex ZZ, which is an integral part of this document.

Endorsement notice

The text of the International Standard CISPR 11:2015 was approved by CENELEC as a European Standard with agreed common modifications.

Bibliography

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

CISPR 14-1	NOTE	Harmonized as EN 55014-1.
CISPR 15:2013	NOTE	Harmonized as EN 55015:2013 (not modified).
IEC 60364-1	NOTE	Harmonized as HD 60364-1.
IEC 60364-5-51:2005	NOTE	Harmonized as HD 60364-5-51:2009 (modified) and HD 60364-5-51:2009/A11:2013.
IEC 60705:2010	NOTE	Harmonized as EN 60705:2012 (modified).
IEC 61308:2005	NOTE	Harmonized as EN 61308:2006 (not modified).
IEC 61689:2013	NOTE	Harmonized as EN 61689:2013 (not modified).
IEC 61922:2002	NOTE	Harmonized as EN 61922:2002 (not modified).

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The text of document CISPR/B/627/CDV, future CISPR 11:2015/A1, prepared by CISPR SC B "Interference relating to industrial, scientific and medical radio-frequency apparatus, to other (heavy) industrial equipment, to overhead power lines, to high voltage equipment and to electric traction" of CISPR "International special committee on radio interference" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 55011:2016/A1:2017.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2017-10-21
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2020-04-21

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Foreword to amendment A11

This document (EN 55011:2016/A11:2020) has been prepared by CLC/TC 210 "Electromagnetic Compatibility (EMC)".

The following dates are fixed:

- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2020-11-27
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2022-11-27

This document amends EN 55011:2016.

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Foreword to amendment A2

The text of document CIS/B/715A/FDIS, future CISPR 11/A2, prepared by CISPR SC B "Interference relating to industrial, scientific and medical radio-frequency apparatus, to other (heavy) industrial equipment, to overhead power lines, to high voltage equipment and to electric traction" of CISPR "International special committee on radio interference" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 55011:2016/A2:2021.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2021-10-09 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2024-04-09 document have to be withdrawn

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