



BSI Standards Publication

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

This is a preview of BS EN IEC 55011:2024. [Click here to purchase the full version from the ANSI store.](#)

National foreword

This British Standard is the UK implementation of EN IEC 55011:2025. It is identical to CISPR 11:2024. It supersedes BS EN 55011:2016+A2:2021, which will be withdrawn on 31 July 2028.

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

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

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Amendments/corrigenda issued since publication

Date	Text affected
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EUROPÄISCHE NORM

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Supersedes EN 55011:2016; EN 55011:2016/A1:2017;
EN 55011:2016/A11:2020; EN 55011:2016/A2:2021

English Version

Industrial, scientific and medical equipment - Radio-frequency
disturbance characteristics - Limits and methods of
measurement
(CISPR 11:2024)

Appareils industriels, scientifiques et médicaux -
Caractéristiques de perturbations radioélectriques - Limites
et méthodes de mesure
(CISPR 11:2024)

Industrielle, wissenschaftliche und medizinische Geräte -
Funkstörungen - Grenzwerte und Messverfahren
(CISPR 11:2024)

This European Standard was approved by CENELEC on 2024-10-16. 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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.



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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European foreword

The text of document CIS/B/831/FDIS, future edition 7 of CISPR 11, prepared by SC CISPR/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 IEC/TC CISPR "International special committee on radio interference" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 55011:2025.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2026-07-31 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2028-07-31 document have to be withdrawn

This document supersedes EN 55011:2016 and all of its amendments and corrigenda (if any).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

Endorsement notice

The text of the International Standard CISPR 11:2024 was approved by CENELEC as a European Standard without any modification.

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

CISPR 14-1	NOTE	Approved as EN IEC 55014-1
IEC 62920:2017	NOTE	Approved as EN 62920:2017 (not modified) +A11:2020
IEC 62920:2017/A1:2021	NOTE	Approved as EN 62920:2017/A1:2021 (not modified)
IEC 61000-6-3:2020	NOTE	Approved as EN IEC 61000-6-3:2021 (not modified)
IEC 60364-1	NOTE	Approved as HD 60364-1
IEC 60601-1-2:2014	NOTE	Approved as EN 60601-1-2:2015 (not modified)
IEC 60601-1-2:2014/A1:2020	NOTE	Approved as EN 60601-1-2:2015/A1:2021 (not modified)
IEC 61922:2002	NOTE	Approved as EN 61922:2002 (not modified)
IEC 61308:2005	NOTE	Approved as EN 61308:2006 (not modified)
IEC 60705:2010	NOTE	Approved as EN 60705:2015 (not modified)
IEC 60974-10:2020	NOTE	Approved as EN IEC 60974-10:2021 (not modified)
CISPR 12	NOTE	Approved as EN 55012

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IEC 60364-5-51:2005	NOTE	Approved as HD 60364-5-51:2009 +A11:2013
IEC 61158-1:2023	NOTE	Approved as EN IEC 61158-1:2023 (not modified)
IEC 61689:2022	NOTE	Approved as EN IEC 61689:2022 (not modified)
IEC 62135-2:2020	NOTE	Approved as EN IEC 62135-2:2021 (not modified)

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(normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cencenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
CISPR 16-1-1	2019	Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-1: Radio disturbance and immunity measuring apparatus - Measuring apparatus	EN IEC 55016-1-1	2019
CISPR 16-1-2	2014	Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-2: Radio disturbance and immunity measuring apparatus - Coupling devices for conducted disturbance measurements	EN 55016-1-2	2014
+ A1	2017		+ A1	2018
CISPR 16-1-4	2019	Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-4: Radio disturbance and immunity measuring apparatus - Antennas and test sites for radiated disturbance measurements	EN IEC 55016-1-4	2019
+ A1	2020		+ A1	2020
+ A2	2023		+ A2	2023
CISPR 16-2-1	2014	Specification for radio disturbance and immunity measuring apparatus and methods - Part 2-1: Methods of measurement of disturbances and immunity - Conducted disturbance measurements	EN 55016-2-1	2014
+ A1	2017		+ A1	2017

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CISPR 16-2-3	2016	Specification for radio disturbance and immunity measuring apparatus and methods - Part 2-3: Methods of measurement of disturbances and immunity - Radiated disturbance measurements	EN 55016-2-3	2017
+ A1	2019		+ A1	2019
+ A2	2023		+ A2	2023
CISPR 16-4-2	2011	Specification for radio disturbance and immunity measuring apparatus and methods - Part 4-2: Uncertainties, statistics and limit modelling - Measurement instrumentation uncertainty	EN 55016-4-2	2011
+ A1	2014		+ A1	2014
+ A2	2018		+ A2	2018
CISPR 32	2015	Electromagnetic compatibility of multimedia equipment - Emission requirements	EN 55032	2015
+ A1	2019		+ A1	2020
IEC 60050-161	1990	International Electrotechnical Vocabulary. Chapter 161: Electromagnetic compatibility	-	-
IEC 60601-2-2	2017	Medical electrical equipment - Part 2-2: Particular requirements for the basic safety and essential performance of high frequency surgical equipment and high frequency surgical accessories	EN IEC 60601-2-2	2018
IEC 61000-4-6	2023	Electromagnetic compatibility (EMC) - Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields	EN IEC 61000-4-6	2023
IEC 61307	2011	Industrial microwave heating installations - Test methods for the determination of power output	EN 61307	2011
ITU Radio Regulations	2020	Radio Regulations	-	-

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CONTENTS

FOREWORD.....	7
INTRODUCTION.....	10
1 Scope.....	11
2 Normative references	11
3 Terms, definitions and abbreviated terms	13
3.1 Terms and definitions.....	13
3.2 Abbreviated terms.....	18
4 Frequencies designated for ISM use.....	19
5 Classification of equipment.....	20
5.1 Separation into groups.....	20
5.2 Division into classes	20
5.3 Documentation for the user.....	20
6 Limits of electromagnetic disturbances	21
6.1 General.....	21
6.2 Group 1 equipment measured on a test site	21
6.2.1 Limits for conducted disturbances.....	21
6.2.2 Limits of electromagnetic radiation disturbance.....	26
6.3 Group 2 equipment measured on a test site	29
6.3.1 Limits for conducted disturbances.....	29
6.3.2 Limits of electromagnetic radiation disturbance.....	30
6.4 Group 1 and group 2 class A equipment measured in situ	36
6.4.1 Limits for conducted disturbances.....	36
6.4.2 Limits of electromagnetic radiation disturbance.....	36
7 Measurement requirements	39
7.1 General.....	39
7.2 Ambient noise.....	39
7.3 Measuring equipment.....	40
7.3.1 Measuring instruments.....	40
7.3.2 Artificial network (AN).....	40
7.3.3 Voltage probe	41
7.3.4 Antennas	41
7.3.5 Artificial hand	42
7.4 Frequency measurement.....	42
7.5 Configuration of equipment under test.....	42
7.5.1 General	42
7.5.2 EUT cables and components	45
7.5.3 Connection to the electricity supply network on a test site	46
7.5.4 Measurements of robots	49
7.6 Load conditions of the EUT	53
7.6.1 General	53
7.6.2 Medical equipment.....	53
7.6.3 Industrial equipment	55
7.6.4 Scientific, laboratory and measuring equipment.....	55
7.6.5 Microwave cooking appliances.....	55
7.6.6 Other equipment in the frequency range 1 GHz to 18 GHz.....	55
7.6.7 Electric welding equipment	56