



BSI Standards Publication

## Electromagnetic compatibility of multimedia equipment - Emission requirements

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# National foreword

This British Standard is the UK implementation of EN 55032:2015+A1:2020. It is derived from CISPR 32:2015, incorporating corrigendum June 2016 and amendment 1:2019. It supersedes BS EN 55032:2015+A11:2020, which will be withdrawn on 4 December 2023.

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.

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

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31 December 2020	Implementation of CISPR amendment 1:2019 with CENELEC endorsement A1:2020

EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 55032:2015+A1**

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English Version

**Electromagnetic compatibility of multimedia equipment -  
Emission Requirements  
(CISPR 32:2015)**

Compatibilité électromagnétique des équipements  
multimédia - Exigences d'émission  
(CISPR 32:2015)

Elektromagnetische Verträglichkeit von Multimediageräten  
und -einrichtungen - Anforderungen an die Störaussendung  
(CISPR 32:2015)

This European Standard was approved by CENELEC on 2015-05-05. 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.

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Europäisches Komitee für Elektrotechnische Normung

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EN 55032:2015+A1:2020

## European foreword

The text of document CIS/1/498/FDIS, future edition 2 of CISPR 32, prepared by CISPR SC 1 "Electromagnetic compatibility of information technology equipment, multimedia equipment and receivers" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 55032:2015.

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- latest date by which the national (dow) 2018-05-05  
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document have to be withdrawn

This document supersedes EN 55032:2012.

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

## Endorsement notice

The text of the International Standard CISPR 32:2015 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 standards indicated:

CISPR 13:2009	NOTE	Harmonized as EN 55013:2013 (modified).
CISPR 16 Series	NOTE	Harmonized as EN 55016 Series.
CISPR 22:2008	NOTE	Harmonized as EN 55022:2010 (modified).

## Foreword to amendment A11

This document (EN 55032:2015/A11:2020) has been prepared by CLC/TC 210 "Electromagnetic Compatibility (EMC)".

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- 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 55032:2015.

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

## Foreword to amendment A1

The text of document CIS/1/617/FDIS, future CISPR 32/A1, prepared by CISPR SC I "Electromagnetic compatibility of information technology equipment, multimedia equipment and receivers" of CISPR "International special committee on radio interference" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 55032:2015/A1:2020.

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### Endorsement notice

The text of the International Standard CISPR 32:2015/A1:2019 was approved by CENELEC as a European Standard without any modification.

## Annex ZA (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.cenelec.eu](http://www.cenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
CISPR 16-1-1	2015	Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-1: Radio disturbance and immunity measuring apparatus - Measuring apparatus	-	-
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	2010	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 55016-1-4	2010
+ A1	2012		+ A1	2012
+ A2	2017		+ A2	2017
CISPR 16-1-5	2014	Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-5: Radio disturbance and immunity measuring apparatus - Antenna calibration sites and reference test sites for 5 MHz to 18 GHz	EN 55016-1-5	2015
+ A1	2016		+ A1	2017

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
CISPR 16-1-6	2014	Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-6: Radio disturbance and immunity measuring apparatus - EMC antenna calibration	EN 55016-1-6	2015
+ A1	2017		+ A1	2017
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
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
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
IEC 61000-4-6	2008	Electromagnetic compatibility (EMC) -- Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields	-	-
ISO/IEC 17025	2005	General requirements for the competence of testing and calibration laboratories	-	-
IEEE Std 802.3	-	IEEE Standard for Ethernet	-	-

## Annex ZZ (informative)

### Relationship between this European standard and the essential requirements of Directive 2014/30/EU [2014 OJ L96] aimed to be covered

This European standard has been prepared under the European Commission standardisation request C(2016) 7641 final of 30.11.2016<sup>1</sup>, ('M/552'), as regards harmonised standards in support of Directive 2014/30/EU relating to electromagnetic compatibility, to provide one voluntary means of conforming to essential requirements of Directive 2014/30/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to electromagnetic compatibility [2014 OJ L96].

Once this standard is cited in the Official Journal of the European Union under that Directive, compliance with the normative clauses of this standard given in Table ZZ.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding essential requirements of that Directive, and associated EFTA regulations.

**Table ZZ.1 — Correspondence between this European standard and the Essential  
Requirements set out in Directive 2014/30/EU [2014 OJ L96]**

Essential requirements of Directive 2014/30/EU	Clause(s) / sub- clause(s) of this EN	Remarks / Notes
Annex I. 1(a) (electromagnetic disturbances)	5 Requirements	Not applicable to terrestrial and satellite broadcast receivers under Directive 2014/30/EU.  With respect to Clause 11 (Measurement uncertainty), the following shall not be applied, if Clause 5 (Requirements) is applied for the purposes of the presumption of conformity:  'Refer to CISPR TR 16-4-3 for guidance on the applicability of the limits to a series production MME'.

**WARNING 1:** Presumption of conformity stays valid only as long as a reference to this European standard is maintained in the list published in the Official Journal of the European Union. Users of this standard should consult frequently the latest list published in the Official Journal of the European Union.

**WARNING 2:** Other Union legislation may be applicable to the product(s) falling within the scope of this standard."

<sup>1</sup> COMMISSION IMPLEMENTING DECISION C(2016) 7641 final of 30.11.2016 on a standardisation request to the European Committee for Standardisation, to the European Committee for Electrotechnical Standardisation and to the European Telecommunications Standards Institute as regards harmonised standards in support of Directive 2014/30/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to electromagnetic compatibility.



## CONTENTS

FOREWORD .....	8
1 Scope .....	10
2 Normative references .....	10
3 Terms, definitions and abbreviations .....	11
3.1 Terms and definitions .....	11
3.2 Abbreviations .....	16
4 Classification of equipment .....	17
5 Requirements .....	18
6 Measurements .....	18
6.1 General .....	18
6.2 Host systems and modular EUT .....	18
6.3 Measurement procedure .....	19
7 Equipment documentation .....	20
8 Applicability .....	20
9 Test report .....	21
10 Compliance with this publication .....	22
11 Measurement instrumentation uncertainty .....	22
Annex A (normative) Requirements .....	24
A.1 General .....	24
A.2 Requirements for radiated emissions .....	25
A.3 Requirements for conducted emissions .....	30
Annex B (normative) Exercising the EUT during measurement and test signal specifications .....	35
B.1 General .....	35
B.2 Exercising of EUT ports .....	35
B.2.1 Audio signals .....	35
B.2.2 Video signals .....	35
B.2.3 Digital broadcast signals .....	36
B.2.4 Other signals .....	36
Annex C (normative) Measurement procedures, instrumentation and supporting information .....	40
C.1 General .....	40
C.2 Instrumentation and supporting information .....	40
C.2.1 General .....	40
C.2.2 Using CISPR 16 series as the basic standard .....	40
C.2.3 EUT cycle time and measurement dwell time .....	43
C.3 General measurement procedures .....	43
C.3.1 Overview .....	43
C.3.2 Prescan measurements .....	45
C.3.3 Formal measurements .....	45
C.3.4 Specifics for radiated emission measurements .....	45
C.3.5 Specifics for conducted emission measurements on the AC mains power ports .....	45
C.3.6 Specifics for conducted emission measurements on analogue/digital data ports .....	45

C.3.7	Specifics for conducted emission measurements on broadcast receiver tuner ports .....	46
C.3.8	Specifics for conducted emission measurements on RF modulator output ports .....	46
C.4	MME-related measurement procedures .....	46
C.4.1	Measurement of conducted emissions at analogue/digital data ports .....	46
C.4.2	Measurement of emission voltages at a TV/FM broadcast receiver tuner ports in the frequency range 30 MHz to 2,15 GHz .....	54
C.4.3	Measurement of the wanted signal and emission voltage at RF modulator output ports, in the frequency range 30 MHz to 2,15 GHz .....	55
C.4.4	Additional Normalized Site Attenuation (NSA) values .....	56
Annex D (normative)	Arrangement of EUT, local AE and associated cabling .....	58
D.1	Overview .....	58
D.1.1	General .....	58
D.1.2	Table-top arrangement .....	62
D.1.3	Floor standing arrangement .....	63
D.1.4	Combinations of table-top and floor standing EUT arrangement .....	63
D.1.5	Arrangements for radiated measurement in a FAR .....	63
D.2	MME-related conditions for conducted emission measurement .....	64
D.2.1	General .....	64
D.2.2	Specific conditions for table-top equipment .....	65
D.2.3	Specific requirements for floor standing equipment .....	65
D.2.4	Specific requirements for combined table-top and floor standing equipment .....	65
D.3	MME-related requirements for radiated measurement .....	65
D.3.1	General .....	65
D.3.2	Requirements for table-top equipment .....	65
Annex E (informative)	Prescan measurements .....	77
Annex F (informative)	Test report contents summary .....	78
Annex G (informative)	Support information for the measurement procedures defined in C.4.1.1 .....	79
G.1	Schematic diagrams of examples of asymmetric artificial networks .....	79
G.2	Rationale for emission measurements and procedures for wired network ports .....	94
G.2.1	Limits .....	94
G.2.2	Combination of current probe and CVP .....	95
G.2.3	Basic ideas of the CVP .....	95
G.2.4	Combination of current and voltage limit .....	96
G.2.5	Ferrite requirements for use in C.4.1.1 .....	97
Annex H (normative)	Supporting information for the measurement of outdoor unit of home satellite receiving systems .....	101
H.1	Rationale .....	101
H.2	General .....	101
H.3	Operation conditions .....	102
H.4	EUT arrangements .....	103
H.4.1	Conducted measurements (table clause A7.4) .....	103
H.4.2	Radiated measurements .....	104
Annex I (informative)	Other test methods and associated limits for radiated emissions .....	110
I.1	General .....	110
I.2	Procedures for radiated emission measurements using a GTEM or RVC .....	110

I.3	Additional measurement procedure information.....	112
I.3.1	General .....	112
I.3.2	Specific considerations for radiated emission measurements using a GTEM .....	112
I.3.3	Specific considerations for radiated emission measurements using an RVC .....	112
I.4	Use of a GTEM for radiated emission measurements .....	113
I.4.1	General .....	113
I.4.2	EUT layout .....	113
I.4.3	GTEM, measurements above 1 GHz .....	114
I.4.4	Uncertainties .....	115
I.5	Specific EUT arrangement requirements for radiated emission measurements above 1 GHz using an RVC .....	115
I.6	Reference documents .....	115
Annex J (informative)	Colour bar image .....	117
J.1	Overview .....	117
J.2	Image description .....	117
J.3	Primary colour contributions and saturation .....	117
J.4	Moving element .....	118
Bibliography	.....	119
Figure 1	– Examples of ports .....	15
Figure 2	– Example of a host system with different types of modules .....	19
Figure A.1	– Graphical representation of the limits for the AC mains power port defined in Table A.10 .....	24
Figure A.2	– Example of the range of receive antenna locations used during NSA validation of a weather-protected OATS or SAC .....	26
Figure C.1	– Measurement distance .....	41
Figure C.2	– Boundary of EUT, Local AE and associated cabling .....	42
Figure C.3	– Decision tree for using different detectors with quasi peak and average limits .....	43
Figure C.4	– Decision tree for using different detectors with peak and average limits .....	44
Figure C.5	– Decision tree for using different detectors with a quasi-peak limit .....	44
Figure C.10	– PSD limits for a Class B device .....	48
Figure C.11	– Example comparing ITU-T G.993.2:2019 Table B.7 PSD masks against Class B PSD limit for Cat 3 cable .....	49
Figure C.6	– Calibration fixture .....	54
Figure C.7	– Arrangement for measuring impedance in accordance with C.4.1.7 .....	54
Figure C.8	– Circuit arrangement for measurement of emission voltages at TV/FM broadcast receiver tuner ports .....	55
Figure C.9	– Circuit arrangement for the measurement of the wanted signal and emission voltage at the RF modulator output port of an EUT .....	56
Figure D.1	– Example measurement arrangement for table-top EUT (conducted and radiated emission) (top view) .....	66
Figure D.2	– Example measurement arrangement for table-top EUT (conducted emission measurement – alternative 1) .....	67
Figure D.3	– Example measurement arrangement for table-top EUT (conducted emission measurement – alternative 2) .....	68