
**Zvokovni in radiodifuzijski sprejemniki s pripadajočo opremo - Karakteristike
odpornosti proti motnjam - Mejne vrednosti in metode merjenja - Dopolnilo A12**

Sound and television broadcast receivers and associated equipment - Immunity
characteristics - Limits and methods of measurement

Ton- und Fernseh-Rundfunkempfänger und verwandte Geräte der
Unterhaltungselektronik - Störfestigkeitseigenschaften - Grenzwerte und Prüfverfahren

Récepteurs de radiodiffusion et de télévision et équipements associés - Caractéristiques
d'immunité - Limites et méthodes de mesure

<https://standards.iteh.ai/catalog/standards/sist/b75777b9-1d88-48a9-aa7a-8fb1aaa5dda/sist-en-55020-2007-a12-2016>

Ta slovenski standard je istoveten z: EN 55020:2007/A12:2016

ICS:

33.100.20	Imunost	Immunity
33.160.01	Avdio, video in avdiovizualni sistemi na splošno	Audio, video and audiovisual systems in general

SIST EN 55020:2007/A12:2016 **en,fr**

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EUROPEAN STANDARD

EN 55020:2007/A12

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 2016

ICS 33.100.20

English Version

Sound and television broadcast receivers and associated equipment - Immunity characteristics - Limits and methods of measurement

Récepteurs de radiodiffusion et de télévision et équipements associés - Caractéristiques d'immunité - Limites et méthodes de mesure

Ton- und Fernseh-Rundfunkempfänger und verwandte Geräte der Unterhaltungselektronik - Störfestigkeitseigenschaften - Grenzwerte und Prüfverfahren

This amendment A12 modifies the European Standard EN 55020:2007; it was approved by CENELEC on 2016-01-04. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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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This amendment 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

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European foreword

This document (EN 55020:2007/A12:2016) has been prepared by CLC/TC 210 "Electromagnetic compatibility (EMC)".

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) 2017-01-04
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2019-01-04

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This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For the relationship with EU Directive(s), see informative Annex ZZ, which is an integral part of EN 55020:2007.

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EN 55020:2007/A12:2016

1 Modification to 4.7 Immunity requirements for the enclosure port

Replace Table 15 by the following:

Table 15 – Enclosure port

Parameter	Test specification	Test set-up	Applicability	Performance criteria
RF e.m. field AM modulated carrier	See 4.7.1 1 kHz, at 80 % depth	See 4.7.1 and 5.8	Mains powered: – FM radio antenna – TV antenna	A
RF e.m. field Keyed carrier ^a	900 MHz, 3 V/m, duty cycle 1/8, 217 Hz repetition frequency	EN 61000-4-3 With measurement conditions of 5.8.4. and Table 23. Filter B.2 replaced by B.4.	– Ass. video tun. ant. – Ass. video – Ass. audio – Ass. other (e.g. audio amplifier) – Camcorders, in playback-mode, – Satellite TV – Satellite radio	A
RF e.m. field AM modulated carrier	(790-862) MHz: 3 V/m AM: 1 kHz, 80 % depth Except the tuned channel ± 0,5 MHz: 1 V/m AM: 1 kHz, 80 % depth	EN 61000-4-3 With measurement conditions from I.5. For this test, I.7.2 does not apply.	Equipment with tuners suitable for reception of digital TV signals (cable, terrestrial and satellite) operated in each mode.	A
Electrostatic discharge	8 kV air discharge 4 kV contact discharge	EN 61000-4-2	All equipment covered by the scope	B

^a As an alternative method, a non-homogeneous field strength ≥ 3 V/m of similar characteristics as the test specification (e.g. generated by a dummy GSM portable telephone) may be applied in a shielded room.
The dummy shall be placed on a non-metallic stand with a height of 80 cm, at a distance of 1 m to the EUT (see Figure 11). The front side of the EUT shall be placed in parallel to the antenna line of sight. The position shall be described in the measurement report.
In case of dispute, measurements shall be carried out in accordance with EN 61000-4-3, with measurement conditions given in 5.8.4 and Table 23, and filter B.2 replaced by B.4.

2 Modification to Bibliography

Delete the reference to EN 55020:2007/A11:2011.

3 Modification to Annex ZZ

At the end of the first paragraph, **delete** ", and the essential requirements of Article 3.1(b) (immunity only) of the EC Directive 1999/5/EC".