



SLOVENSKI STANDARD
SIST EN 55020:1995/A14:2000
01-april-2000

**Electromagnetic immunity of broadcast receivers and associated equipment -
Amendment A14**

Electromagnetic immunity of broadcast receivers and associated equipment

Störfestigkeit von Rundfunkempfängern und verwandten Geräten der
Unterhaltungselektronik

Immunité électromagnétique des récepteurs de radiodiffusion et des appareils associés

iTeh STANDARD PREVIEW

(standards.itih.si)

Ta slovenski standard je istoveten z: EN 55020:1994/A14:1999

SIST EN 55020:1995/A14:2000
<https://standards.itih.si/catalog/standards/sis/52559895-55ac-46a6-a576-77adf5afde37/sist-en-55020-1995-a14-2000>

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 55020:1995/A14:2000 **en**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 55020/A14

May 1999

ICS 29.020; 33.160.20

UDC 621.396.62:621.397.43:621.396.669.8:621.391.82:620.1:621.317.3

English version

Electromagnetic immunity of broadcast receivers and associated equipment

Immunité électromagnétique des récepteurs de radiodiffusion et appareils associés

Störfestigkeit von Rundfunkempfängern und verwandten Geräten der Unterhaltungselektronik

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This amendment A14 modifies the European Standard EN 55020:1994; it was approved by CENELEC on 1999-04-01. 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 Central Secretariat or to any CENELEC member.

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 Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

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Foreword

This amendment was prepared by SC 210A, EMC Products, of Technical Committee CENELEC TC 210, EMC.

The text of the draft was submitted to the Unique Acceptance Procedure and was approved by CENELEC as amendment A14 to EN 55020:1994 on 1999-04-01.

The following dates were fixed:

- latest date by which the amendment has to be implemented
at national level by publication of an identical
national standard or by endorsement (dop) 1999-08-01
- latest date by which the national standards conflicting
with the amendment have to be withdrawn (dow) 2001-08-01

NOTE: The description of test methods in EN 55020 for associated equipment is sufficient for stationary video tape equipment and need no modification on short notice. However the given test methods are not adequate to meet the nature of portable video equipment. This amendment allows an appropriate evaluation of the special technologies of associated video and portable video equipment (Camcorders), such as 8 mm, Hi8, S VHS, Digital Video and similar technologies.

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6 Performance criteria

6.1.1 Add after the first paragraph:

If, for portable video equipment, the S/N ratio is less than 40 dB, the performance criteria for audio assessment is the actual S/N ratio minus 3 dB.

In this case, at the beginning of the audio quality evaluation, the actual S/N ratio is measured and noted in the test report as reference value.

13 Immunity requirements for the enclosure port

13.1 Add a new subclause 13.1.6:

13.1.6 Portable video equipment

In playback mode, when powered via the external power connection facility, the equipment has to meet the requirements of table 17.1.

Table 17.1 - Test specification for portable video equipment
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Frequency Mhz	Level dB (μ V/m)
0,15 - 45	115
45-150	125

13.2 Add a new subclause 13.2.2:

13.2.2 Limits of immunity to RF voltages of portable video equipment

In playback mode, when powered via the external power connection facility, the equipment has to meet the requirements of table 20.1.

**Table 20.1 - Limits of immunity to RF voltages for the different ports
of portable video equipment**

Port	Requirement
Mains	Table 18
Headphone	Table 18
Audio output	Table 19