



# SLOVENSKI STANDARD SIST EN 55020:2003/IS2:2007

01-september-2007

Nj c \_c j b] ]b'fUX]cX]Z n]g \_]gdfY^Ya b] \_]g'df]dUXU^c c'cdfYa c'!'?UfU\_hyf]gh\_Y  
cXdcfbcgh]dfch]a cfb^Ua '!A Y^bY]fYXbcgh] ]b'a YrcXY'a Yf^b^U!'FUn^U] Urc \_Y  
( " ('ghUbXUfXU9B') ) \$&\$.&\$&

Interpretation of Subclause 4.3.4 of EN 55020:2002

Interpretation zum Unterabschnitt 4.3.4 der EN 55020:2002

**iTeh STANDARD PREVIEW**

Interprtation du Paragraphe 4.3.4 de la EN 55020:2002  
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**Ta slovenski standard je istoveten z: EN 55020:2002/IS2:2007**  
SIST EN 55020:2003/IS2:2007  
<https://standards.itteh.ai/catalog/standards/sist/1ab55514-d64e-4cca-8790-195e6636b68b/sist-en-55020-2003-is2-2007>

**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 55020:2003/IS2:2007** en,fr,de

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[SIST EN 55020:2003/IS2:2007](https://standards.iteh.ai/catalog/standards/sist/fa6333f4-d64e-4eca-8790-195e6636b68b/sist-en-55020-2003-is2-2007)

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**Interpretation Sheet 2****EN 55020:2002**English version

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**Foreword**

This Interpretation Sheet to the European Standard EN 55020:2002 was prepared by the Interpretation Panel of the Technical Committee CENELEC TC 210, Electromagnetic compatibility (EMC). The text of the draft was submitted to the Unique Acceptance Procedure and was approved by CENELEC on 2006-07-01.

**Subclause 4.3.4 – Requirements for screening effectiveness**

Requirements for screening effectiveness apply to the coaxial antenna terminals, if any.

Measurements shall be made in accordance with 5.5.

**Background:**

One of the immunity tests described in EN 55020:2002, is the measurement of screening effectiveness (Subclause 4.3.4). The method prescribed in the standard requires that testing is made in accordance with 5.5 by using the so called active measurement test method.

It was recently discovered that due to technical reason, the active test method could not be used on digital products and gave inconsistent results when used for testing analogue products.

These issues were discussed at the CISPR I/WG1 meeting held in Shanghai in September 2004 and a Task Force was set up to investigate further these claims. The Task Force (TF) met in Hamburg in February 2005 and following in depth discussions, and investigations by TF members, it was decided that a proposal would be made to CISPR I/WG 1 (currently in preparation) to modify CISPR 20 Ed 5.0. The modification proposed would be to re-introduce the already known passive test method (last listed in CISPR 20 1985) which was found to be more suitable for both analogue and digital products and gives comparable results with the active method.

**Question:**

Is it allowed to use the passive method as described in EN 55020:1988 for products where the active method is not suitable?

**Interpretation:**

For products affected by the condition described above, as an alternative to the active Screening Effectiveness test method described in EN 55020:2002, it is allowed to use the passive test method described in EN 55020:1988.

**Validity:**

This interpretation remains valid until an amendment or updated standard dealing with these issues is published by CENELEC.

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January 2007