

2005

AMENDMENT 1  
2005-07

INTERNATIONAL SPECIAL COMMITTEE ON RADIO INTERFERENCE

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Amendment 1

**Information technology equipment –  
Radio disturbance characteristics –  
Limits and methods of measurement**

iTeh Standards  
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[CISPR 22:2005/AMD1:2005](https://standards.iteh.ai/catalog/standards/iec/3dd75028-4acf-45b2-bac6-01bcfb892e1f/cispr-22-2005-amd1-2005)

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*This **English-language** version is derived from the original **bilingual** publication by leaving out all French-language pages. Missing page numbers correspond to the French-language pages.*

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## FOREWORD

This amendment has been prepared by CISPR, subcommittee I: Electromagnetic compatibility of information technology equipment, multimedia equipment and receivers.

The text of this amendment is based on the following documents:

FDIS	Report on voting
CISPR/1/151/FDIS	CISPR/1/161/RVD

Full information on the voting for the approval of this amendment can be found in the report on voting indicated in the above table.

The committee has decided that the contents of this amendment and the base publication will remain unchanged until the maintenance result date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

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## CONTENTS

*Add, below title of Clause 6, the titles of the following new subclauses:*

6.1 Limits below 1 GHz

6.2 Limits above 1 GHz

*Modify the titles of subclauses 10.2 to 10.5 and add the title of the new subclause 10.6, as follows:*

10.2 Measuring receiver below 1 GHz

10.3 Antenna below 1 GHz

10.4 Measurement site below 1 GHz

10.5 EUT arrangement below 1 GHz

10.6 Radiated emission measurements above 1 GHz

*Change the numbering of subclauses 10.6, 10.7 and 10.8 to 10.7, 10.8 and 10.9.*

## 6 Limits for radiated disturbance

Insert below the title of Clause 6 the following new title.

### 6.1 Limits below 1 GHz

The text of this new subclause is that of the existing Clause 6.

Add the following new subclause.

### 6.2 Limits above 1 GHz

The EUT shall meet the limits of Table 8 or Table 9 when measured in accordance with the method described in Clause 10 and the conditional testing procedure described below.

**Table 8 – Limits for radiated disturbance of Class A ITE  
at a measurement distance of 3 m**

Frequency range GHz	Average limit dB( $\mu$ V/m)	Peak limit dB( $\mu$ V/m)
1 to 3	56	76
3 to 6	60	80
NOTE The lower limit applies at the transition frequency.		

**Table 9 – Limits for radiated disturbance of Class B ITE  
at a measurement distance of 3 m**

Frequency range GHz	Average limit dB( $\mu$ V/m)	Peak limit dB( $\mu$ V/m)
1 to 3	50	70
3 to 6	54	74
NOTE The lower limit applies at the transition frequency.		

- **Conditional testing procedure:**

The highest internal source of an EUT is defined as the highest frequency generated or used within the EUT or on which the EUT operates or tunes.

If the highest frequency of the internal sources of the EUT is less than 108 MHz, the measurement shall only be made up to 1 GHz.

If the highest frequency of the internal sources of the EUT is between 108 MHz and 500 MHz, the measurement shall only be made up to 2 GHz.