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Amendement 2

**Compatibilité électromagnétique (CEM) –**

**Partie 4-3:**

**Techniques d'essai et de mesure –**

**Essai d'immunité aux champs électromagnétiques  
rayonnés aux fréquences radioélectriques**

Amendment 2

**Electromagnetic compatibility (EMC) –**

**Part 4-3:**

**Testing and measurement techniques –**

**Radiated, radio-frequency, electromagnetic field  
immunity test**

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Commission Electrotechnique Internationale  
International Electrotechnical Commission  
Международная Электротехническая Комиссия

CODE PRIX  
PRICE CODE

C

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## FOREWORD

This amendment has been prepared by subcommittee 77B: High frequency phenomena, of IEC technical committee 77: Electromagnetic compatibility.

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

FDIS	Report on voting
77B/291/FDIS	77B/298/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 the base publication and its amendments will remain unchanged until 2002. At this date, the publication will be

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- withdrawn;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

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*Replace the existing clause 9 by the following new clause 9, and add the new clause 10.*

### **9 Evaluation of test results**

The test results shall be classified in terms of the loss of function or degradation of performance of the equipment under test, relative to a performance level defined by its manufacturer or the requestor of the test, or agreed between the manufacturer and the purchaser of the product. The recommended classification is as follows:

- a) normal performance within limits specified by the manufacturer, requestor or purchaser;
- b) temporary loss of function or degradation of performance which ceases after the disturbance ceases, and from which the equipment under test recovers its normal performance, without operator intervention;
- c) temporary loss of function or degradation of performance, the correction of which requires operator intervention;
- d) loss of function or degradation of performance which is not recoverable, owing to damage to hardware or software, or loss of data.

The manufacturer's specification may define effects on the EUT which may be considered insignificant, and therefore acceptable.

This classification may be used as a guide in formulating performance criteria, by committees responsible for generic, product and product-family standards, or as a framework for the agreement on performance criteria between the manufacturer and the purchaser, for example where no suitable generic, product or product-family standard exists.

## 10 Test report

The test report shall contain all the information necessary to reproduce the test. In particular, the following shall be recorded:

- the items specified in the test plan required by clause 8 of this standard;
  - identification of the EUT and any associated equipment, for example, brand name, product type, serial number;
  - identification of the test equipment, for example, brand name, product type, serial number;
  - any special environmental conditions in which the test was performed, for example, shielded enclosure;
  - any specific conditions necessary to enable the test to be performed;
  - performance level defined by the manufacturer, requestor or purchaser;
  - performance criterion specified in the generic, product or product-family standard;
  - any effects on the EUT observed during or after the application of the test disturbance, and the duration for which these effects persist;
  - the rationale for the pass/fail decision (based on the performance criterion specified in the generic, product or product-family standard, or agreed between the manufacturer and the purchaser);
  - any specific conditions of use, for example cable length or type, shielding or grounding, or EUT operating conditions, which are required to achieve compliance.
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