

INTERNATIONAL STANDARD

NORME INTERNATIONALE

INTERNATIONAL SPECIAL COMMITTEE ON RADIO INTERFERENCE
COMITÉ INTERNATIONAL SPÉCIAL DES PERTURBATIONS RADIOÉLECTRIQUES

AMENDMENT 1
AMENDEMENT 1

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



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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/I/444/FDIS	CISPR/I/460/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 stability 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- withdrawn,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.

2 Normative references

Add the following new reference to the existing list:

IEC 61000-4-6:2008, *Electromagnetic compatibility (EMC) – Part 4-6: Testing and measurement techniques – Immunity to conducted disturbances, induced by radio-frequency fields*

4.1.2 Performance criterion B

Replace the existing text of this subclause by the following new text:

During the application of the test disturbance, degradation of performance is allowed. However, no unintended change of actual operating state or stored data is allowed to persist after the test.

After the test, the equipment shall continue to operate as intended without operator intervention; no degradation of performance or loss of function is allowed, below a performance level specified by the manufacturer, when the equipment is used as intended. The performance level may be replaced by a permissible loss of performance.

If the minimum performance level (or the permissible performance loss), or recovery time, is not specified by the manufacturer, then either of these may be derived from the product description and documentation, and by what the user may reasonably expect from the equipment if used as intended.

Table 2 – Antenna port

Replace the third and fourth existing rows of this table as follows:

RF voltage Common mode AM modulated carrier	See 4.3.3, Table 8 1 kHz, 80 % depth	See 5.4	FM radio antenna Digital radio antenna PC tuner cards for FM and TV Car radio FM Satellite radio TV antenna Satellite TV Ass. video tun. Antenna AM radio antenna Car radio AM	A
Screening effectiveness	See 4.3.4, Table 8a	See 5.5	FM radio antenna TV antenna Digital radio antenna	see Table 8a

Table 3 – Limits of input immunity from unwanted signals outside the FM range (see also 5.3.1.2 for the wanted signal)

Replace, in the second existing column, the following values as follows:

66,2 ^a	by	$f_n - 2f_i^a$	and
76,9	by	$f_n - f_i^a$	and
129,3 ^b	by	$f_n + 2f_i^b$	and
118,6	by	$f_n + f_i^b$	

Add, at the end of the existing table, the following new text:

Key

f_n is the wanted signal frequency

f_i is the intermediate frequency