Specification for radio disturbance and immunity measuring apparatus and methods
Part 4-2: Uncertainties, statistics and limit modelling — Measurement instrumentation uncertainty
This British Standard is the UK implementation of EN 55016-4-2:2011. It is identical to CISPR 16-4-2:2011, incorporating corrigendum April 2013. It supersedes BS EN 55016-4-2:2004 which will be withdrawn on 13 July 2014.

The UK participation in its preparation was entrusted by Technical Committee GEL/210, EMC - Policy committee, to Subcommittee GEL/210/12, EMC basic, generic and low frequency phenomena Standardization.

A list of organizations represented on this subcommittee can be obtained on request to its secretary.

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Amendments/corrigenda issued since publication

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Foreword

The text of document CISPR/A/942/FDIS, future edition 2 of CISPR 16-4-2, prepared by CISPR SC A, “Radio-interference measurements and statistical methods”, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 55016-4-2 on 2011-07-13.

This European Standard supersedes EN 55016-4-2:2004.

EN 55016-4-2:2011 includes the following significant technical additions with respect to EN 55016-4-2:2004:

– Methods of conducted disturbance measurements
  • on the mains port using a voltage probe,
  • on the telecommunication port using an AAN (ISN),
  • on the telecommunication port using a CVP, and
  • on the telecommunication port using a current probe.

– Methods of radiated disturbance measurements
  • in the frequency range 30 MHz to 1 000 MHz using a FAR, and
  • in the frequency range 1 GHz to 18 GHz using a FAR.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN and CENELEC shall not be held responsible for identifying any or all such patent rights.

The following dates were fixed:

– latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2012-04-13

– latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2014-07-13

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard CISPR 16-4-2:2011 was approved by CENELEC as a European Standard without any modification.
### Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

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