



Geneva, 27 November 2001

Publication Notice

No. 317-01

Handbook on interference measuring techniques Edition 2001



ITU electronic
BOOKSHOP

via ITU Website

“Handbook on interference measuring techniques” contains information on EMC design of telecommunications equipment and discusses certain EMC test methods. Together with “Volume IX” of the “Directives”, this handbook provides comprehensive information on EMC and overvoltage testing and measurements.

Date of publication:	February 2002
Language:	English, French, Spanish
Paper format:	About 70 pages – A4 (21 × 29.7 cm)
Electronic format:	Word for Windows™ – Adobe Acrobat™ PDF
Article number:	English: 20506 French: 20505 Spanish: 20507
ISBN number:	English: 92-61-09481-3 French: 92-61-09482-1 Spanish: 92-61-09483-X
Price in Swiss francs:	Catalogue Price: CHF 38.– Member States and Sector Members: –15% Least Developed Countries: –80% <i>Electronic Bookshop: CHF 38.– (No discount)</i>

Handbook on interference measuring techniques

Edition 2001

This handbook provides information on interference measurement techniques on topics covered only in part by Volume IX, Testing methods and measuring apparatus, of the Directives concerning the protection of telecommunication lines against harmful effects from electric power and electrified railway lines, Geneva 1989.

The contents of this handbook are divided into three parts of a different character. All these parts are related to some parts of Chapter 2 – Measuring apparatus and Chapter 3 – Measuring methods of Volume IX.

Part A: contains principles of longitudinal low-frequency immunity testing of telecommunications equipment. It is related to 2.3.4 Quantizing distortion noise measurements of Chapter 2 and 3.2.2 Measurement of unbalance parameters of Chapter 3 of Volume IX.

Part B: gives information on measurements of shielding characteristics of equipment enclosures. It is related to 2.5 Instruments for field strength measurement of Chapter 2 and 3.2.4 Measurement of shielding factors and 3.2.3 Measurement of transfer impedance of Chapter 3 of Volume IX.

Part C: is an introduction to the application of basic EMC test methods defined by IEC to telecommunications equipment. Some generators for these tests are described in 2.2 Generators for testing interference rejection of Chapter 2 of Volume IX. Due to updating of the test methods, the reader is advised to consult the standards themselves rather than Volume IX on details. Some K-series Recommendations define test requirements referring to these IEC standards as relevant test methods.

GENERAL CONDITIONS OF SALE

■ Prices

The prices quoted in Publication Notices, as well as in the ITU Catalogue of Publications and in the Lists of ITU-T and ITU-R Recommendations (distributed free of charge and visible on the ITU website at the following address: www.itu.int/publications) are in Swiss francs (CHF), and are subject to change without notice.

Discounts of 15% are granted to Member States and Sector Members participating in the work of ITU. A discount of 80% of the catalogue price on all ITU publications is granted to Administrations of the Least Developed Countries (LDCs), as well as to libraries of educational institutions (for online subscriptions and CD-ROM publications only). Please note that the minimum price for a publication bought from the Electronic Bookshop is twenty Swiss francs (CHF 20.–) and that there is no discount via this service.

All additional information concerning CD-ROMs, online Recommendations and the ITU Electronic Bookshop can be found in the Catalogue of Publications and its associated Lists of ITU-R and ITU-T Recommendations.

■ Methods of payment

All publications ordered from ITU must be paid for in advance. Payments can be made:

- a) by credit card: American Express, Eurocard/Mastercard, Visa;
- b) by bank transfer to the UBS SA, Geneva, Account ITU Geneva, No. 240-C8765565.0;
- c) by cheque made payable to ITU;
- d) by international postal order;
- e) to the ITU postal cheque account: ITU Geneva, No. 12-50-3 (from within Switzerland);
- f) or by UNESCO coupon.

Payments normally should be made in Swiss francs (CHF). Payments may also be made in other currencies, freely convertible into CHF, provided that, when converted by the bank, the price of the service in CHF is covered. ITU does not accept Letters of Credit.

For faster order processing, we invite you to either pre-pay by credit card or take advantage of a new service by opening an ITU deposit account.

■ Forms of dispatch

The catalogue price includes the cost of dispatch by second-class mail or the means of carriage most advantageous to ITU. Dispatch can be requested in other forms: i.e. air mail (express and registered), EMS, Federal Express, TNT or diplomatic pouch. If one of these alternative methods is chosen, the dispatch cost will be added to the quote. Customs duties and other taxes or dues levied on imported goods are not borne by ITU. ITU accepts **no responsibility** for delay, loss or damage in shipment. Any discrepancy or claim must be communicated to ITU within one year of dispatch of the publication(s).

■ Return of publications

Where a publication found to be faulty is returned to ITU, the latter's responsibility shall be limited to replacement of the publication and payment of the costs arising from such replacement. Any publication returned to ITU as unwanted must reach it within two (2) months from the date of its dispatch to the customer, subject to ITU's prior agreement. A minimum charge of fifty Swiss francs (CHF 50.–) will normally be invoiced to the customer by ITU for return of the publication to stock.

In the case of electronic publications (CD-ROM and online), these general conditions shall apply, subject to the specific derogation provisions contained in the Licence Agreements. The placing of an order implies full acceptance of these general conditions of sale.

None of the provisions of these general conditions of sale shall be interpreted as constituting a derogation or renunciation of the privileges, immunities and facilities enjoyed by ITU in accordance with the international agreement applicable to it, in particular the Headquarters Agreement concluded with the Swiss Federal Council on 22 July 1971, as well as the Swiss law or any other relevant national legislation.

**Please note that orders cannot be taken over the telephone.
They should be sent by telefax or electronic mail.**

