International Telecommunication Union

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

K.84

Amendment 1

(07/2014)

SERIES K: PROTECTION AGAINST INTERFERENCE

Test methods and guide against information leaks through unintentional electromagnetic emissions

Amendment 1: Deletion of a bibliographic reference

Recommendation ITU-T K.84 – Amendment 1

Recommendation ITU-T K.84

Test methods and guide against information leaks through unintentional electromagnetic emissions

Amendment 1

Deletion of a bibliographic reference

Summary

Amendment 1 to Recommendation ITU-T K.84 deletes bibliographic reference [b-IEC 17799].

History

Edition	Recommendation	Approval	Study Group	Unique ID*
1.0	ITU-T K.84	2011-01-13	5	11.1002/1000/11038
2.0	ITU-T K.84 (2011) Amd.1	2014-07-29	5	11.1002/1000/12223

* To access the Recommendation, type the URL http://handle.itu.int/ in the address field of your web browser, followed by the Recommendation's unique ID. For example, http://handle.itu.int/11.1002/1000/11830-en.

FOREWORD

The International Telecommunication Union (ITU) is the United Nations specialized agency in the field of telecommunications, information and communication technologies (ICTs). The ITU Telecommunication Standardization Sector (ITU-T) is a permanent organ of ITU. ITU-T is responsible for studying technical, operating and tariff questions and issuing Recommendations on them with a view to standardizing telecommunications on a worldwide basis.

The World Telecommunication Standardization Assembly (WTSA), which meets every four years, establishes the topics for study by the ITU-T study groups which, in turn, produce Recommendations on these topics.

The approval of ITU-T Recommendations is covered by the procedure laid down in WTSA Resolution 1.

In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

NOTE

In this Recommendation, the expression "Administration" is used for conciseness to indicate both a telecommunication administration and a recognized operating agency.

Compliance with this Recommendation is voluntary. However, the Recommendation may contain certain mandatory provisions (to ensure, e.g., interoperability or applicability) and compliance with the Recommendation is achieved when all of these mandatory provisions are met. The words "shall" or some other obligatory language such as "must" and the negative equivalents are used to express requirements. The use of such words does not suggest that compliance with the Recommendation is required of any party.

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As of the date of approval of this Recommendation, ITU had not received notice of intellectual property, protected by patents, which may be required to implement this Recommendation. However, implementers are cautioned that this may not represent the latest information and are therefore strongly urged to consult the TSB patent database at http://www.itu.int/ITU-T/ipr/.

Recommendation ITU-T K.84

Test methods and guide against information leaks through unintentional electromagnetic emissions

Amendment 1

Deletion of a bibliographic reference

1) Modify the Introduction as follows:

Radio waves are unintentionally emitted from information technology equipment, and there have been cases where information has been reproduced by electromagnetic waves being received. Information leakage due to unintentional electromagnetic radiation from equipment is related to physical security in adopting the information security management system (ISMS) based on [ITU-T X.1051], [ISO/IEC 27001], and [ISO/IEC 27002] ~~and [b-IEC 17799]~~. This phenomenon is referred to as EMSEC (emanation security or Electromagnetic emanation security) in this Recommendation. It is important to prevent a lack of confidentiality due to unintentional electromagnetic radiation, particularly in equipment that is handling important information. This Recommendation describes threats and confidentiality related to EMSEC, and two approaches to mitigation methods. The first approach involves emission requirements for equipment and the second involves shielding requirements for sites, when equipment that is examined with existing EMC emission standards such as [ITU-T K.48] and [CISPR 22] is installed at a site.

2) Delete the entry for [b-IEC 17799] from the Bibliography.

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