



INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

K.42

(05/98)

SERIES K: PROTECTION AGAINST INTERFERENCE

Preparation of emission and immunity requirements for telecommunication equipment – General principles

ITU-T Recommendation K.42

(Previously CCITT Recommendation)

ITU-T K-SERIES RECOMMENDATIONS
PROTECTION AGAINST INTERFERENCE

For further details, please refer to ITU-T List of Recommendations.

ITU-T RECOMMENDATION K.42**PREPARATION OF EMISSION AND IMMUNITY REQUIREMENTS
FOR TELECOMMUNICATION EQUIPMENT –
GENERAL PRINCIPLES****Summary**

This Recommendation explains the basic principles on which EMC standardization is based in ITU-T taking into account EMC standards published by IEC and CISPR. It describes procedures which are followed in the preparation of ITU-T Recommendations on Electromagnetic Compatibility (EMC) requirements which apply to telecommunications equipment. Recommendations concerning resistibility requirements for equipment as well as EMC characteristics of telecommunications networks, mitigation methods, bonding and earthing, etc. are outside the scope of this Recommendation.

Source

ITU-T Recommendation K.42 was prepared by ITU-T Study Group 5 (1997-2000) and was approved under the WTSC Resolution No. 1 procedure on the 15th of May 1998.

FOREWORD

ITU (International Telecommunication Union) is the United Nations Specialized Agency in the field of telecommunications. The ITU Telecommunication Standardization Sector (ITU-T) is a permanent organ of the ITU. The 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 Conference (WTSC), which meets every four years, establishes the topics for study by the ITU-T Study Groups which, in their turn, produce Recommendations on these topics.

The approval of Recommendations by the Members of the ITU-T is covered by the procedure laid down in WTSC Resolution No. 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.

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As of the date of approval of this Recommendation, the ITU had not received notice of intellectual property, protected by patents, which may be required to implement this Recommendation. However, implementors are cautioned that this may not represent the latest information and are therefore strongly urged to consult the TSB patent database.

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