

Recommendation **ITU-T K.42 (08/2024)**

SERIES K: Protection against interference

General principle for the definition of emission and immunity requirements for telecommunication/ICT equipment

Recommendation ITU-T K.42

General principle for the definition of emission and immunity requirements for telecommunication/ICT equipment

Summary

Recommendation ITU-T K.42 explains the basic principles on which electromagnetic compatibility (EMC) standardization is based in ITU-T taking into account EMC standards published by IEC and CISPR. It describes procedures that are followed in the preparation of ITU-T Recommendations on EMC requirements that apply to telecommunication/ICT equipment. Recommendations concerning resistibility requirements for equipment as well as EMC characteristics of telecommunication/ICT networks, mitigation methods, bonding and earthing, etc. are outside the scope of this Recommendation.

History *

Edition	Recommendation	Approval	Study Group	Unique ID
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Keywords

EMC.

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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

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