



INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

E.454

(10/96)

SERIES E: TELEPHONE NETWORK AND ISDN

Quality of service, network management and traffic engineering – Network management – Checking the quality of the international telephone service

Transmission performance metrics based on Error Correction Mode (ECM) facsimile

ITU-T Recommendation E.454

(Previously CCITT Recommendation)

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ITU-T RECOMMENDATION E.454**TRANSMISSION PERFORMANCE METRICS BASED ON ERROR CORRECTION MODE
(ECM) FACSIMILE****Summary**

The purpose of this Recommendation is to define transmission performance metrics based on Error Correction Mode (ECM) facsimile. Performance parameters defined in Recommendations E.451, E.452 and E.453 have been modified to accommodate the error correction and partial page characteristics of ECM facsimile. Performance parameters for ECM that will help infer the image quality for non-ECM transmissions have also been defined.

The parameters defined in this Recommendation are intended for use when intrusive text techniques are employed.

Source

ITU-T Recommendation E.454 was prepared by ITU-T Study Group 2 (1993-1996) and was approved under the WTSC Resolution No. 1 procedure on the 8th of October 1996.

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 (Helsinki, March 1-12, 1993).

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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