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SERIES E: OVERALL NETWORK OPERATION,
TELEPHONE SERVICE, SERVICE OPERATION AND
HUMAN FACTORS

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

**Measurements and metrics for characterizing
facsimile transmission performance using
non-intrusive techniques**

ITU-T Recommendation E.459

(Previously CCITT Recommendation)

ITU-T E-SERIES RECOMMENDATIONS

OVERALL NETWORK OPERATION, TELEPHONE SERVICE, SERVICE OPERATION AND HUMAN FACTORS

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NETWORK MANAGEMENT

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E.400-E.409

International network management

E.410-E.419

Checking the quality of the international telephone service**E.420-E.489**

TRAFFIC ENGINEERING

QUALITY OF TELECOMMUNICATION SERVICES: CONCEPTS, MODELS, OBJECTIVES AND DEPENDABILITY PLANNING

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ITU-T RECOMMENDATION E.459

MEASUREMENTS AND METRICS FOR CHARACTERIZING FACSIMILE TRANSMISSION PERFORMANCE USING NON-INTRUSIVE TECHNIQUES

Summary

This Recommendation provides specifications for the ways in which facsimile calls can be non-intrusively monitored. Non-intrusive fax performance monitoring is done from within a network, and can provide a broad view of fax performance over the network being monitored. These are some significant differences between end-to-end fax performance measurement and non-intrusive measurement. The chief advantage of non-intrusive measurements is that they provide a view of performance encompassing a range of physical locations and terminals that cannot be practically achieved when testing end-to-end.

Source

ITU-T Recommendation E.459 was prepared by ITU-T Study Group 2 (1997-2000) and was approved under the WTSC Resolution No. 1 procedure on the 9th of March 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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CONTENTS

	<i>Page</i>
1 Introduction	1
2 Scope	1
3 References	1
4 Call Data measurements	2
4.1 Protocol-based Call Data measurements	2
4.2 Image related Call Data measurements	3
4.3 Analogue Call Data measurements	3
4.4 Signalling-related Call Data Measurements	4
5 Cumulative data measurements	4
5.1 Cumulative data measurements based on T.30 protocol messages	4
6 Metrics	6
6.1 Primary metrics	6
6.2 Secondary metrics	7
6.3 Optional metrics	7
Annex A – Image measurements	8
A.1 Basic mode	8
A.2 Error Correction Mode	8
A.3 Comparison between ECM and non-ECM measurements	9
Annex B – Analogue measurements	9
Annex C – Signalling information	10