

International Telecommunication Union

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

P.1201.2
Corrigendum 2
(06/2019)

SERIES P: TELEPHONE TRANSMISSION QUALITY,
TELEPHONE INSTALLATIONS, LOCAL LINE
NETWORKS

Models and tools for quality assessment of streamed
media

Parametric non-intrusive assessment of audiovisual
media streaming quality – Higher resolution
application area

Corrigendum 2

Recommendation ITU-T P.1201.2 (2012) –
Corrigendum 2

ITU-T



ITU-T P-SERIES RECOMMENDATIONS

TELEPHONE TRANSMISSION QUALITY, TELEPHONE INSTALLATIONS, LOCAL LINE NETWORKS

Vocabulary and effects of transmission parameters on customer opinion of transmission quality	P.10–P.19
Voice terminal characteristics	P.30–P.39
Reference systems	P.40–P.49
Objective measuring apparatus	P.50–P.59
Objective electro-acoustical measurements	P.60–P.69
Measurements related to speech loudness	P.70–P.79
Methods for objective and subjective assessment of speech quality	P.80–P.89
Voice terminal characteristics	P.300–P.399
Objective measuring apparatus	P.500–P.599
Methods for objective and subjective assessment of speech and video quality	P.800–P.899
Audiovisual quality in multimedia services	P.900–P.999
Transmission performance and QoS aspects of IP end-points	P.1000–P.1099
Communications involving vehicles	P.1100–P.1199
Models and tools for quality assessment of streamed media	P.1200–P.1299
Telemeeting assessment	P.1300–P.1399
Statistical analysis, evaluation and reporting guidelines of quality measurements	P.1400–P.1499
Methods for objective and subjective assessment of quality of services other than speech and video	P.1500–P.1599

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

Recommendation ITU-T P.1201.2

Parametric non-intrusive assessment of audiovisual media streaming quality – Higher resolution application area

Corrigendum 2

Summary

Corrigendum 2 to Recommendation ITU-T P.1201.2 (2012) provides a correction for Equation (7).

History

Edition	Recommendation	Approval	Study Group	Unique ID*
1.0	ITU-T P.1201.2	2012-10-14	12	11.1002/1000/11729
1.1	ITU-T P.1201.2 (2012) Amd. 1	2013-05-14	12	11.1002/1000/11936
1.2	ITU-T P.1201.2 (2012) Amd. 2	2013-12-12	12	11.1002/1000/12111
1.3	ITU-T P.1201.2 (2012) Cor. 1	2014-04-29	12	11.1002/1000/12176
1.4	ITU-T P.1201.2 (2012) Cor. 2	2019-06-29	12	11.1002/1000/13932

* 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.

INTELLECTUAL PROPERTY RIGHTS

ITU draws attention to the possibility that the practice or implementation of this Recommendation may involve the use of a claimed Intellectual Property Right. ITU takes no position concerning the evidence, validity or applicability of claimed Intellectual Property Rights, whether asserted by ITU members or others outside of the Recommendation development process.

As of the date of approval of this Recommendation, ITU had 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/>.

© ITU 2019

All rights reserved. No part of this publication may be reproduced, by any means whatsoever, without the prior written permission of ITU.

Recommendation ITU-T P.1201.2

Parametric non-intrusive assessment of audiovisual media streaming quality – Higher resolution application area

It was discovered that Equation (7) in Recommendation ITU-T P.1201.2 (2012) contains a reversal of argument and base in the exponential expression.

For input $x \in [0,1]$ the output is bounded to $y \in [0,1]$. The same equation is also used in Recommendation ITU-T P.1202.1 (2012), Equation (13), where it is correctly displayed.

Instead of (erroneous):

$$ft_{\log} : \mathbb{R} \times \mathbb{R} \mapsto \mathbb{R}; (x, d) \mapsto y := \frac{1}{d} \cdot \log_{10}(1 + x \cdot (d^{10} - 1)) , \quad (7)$$

It should read (corrected):

$$ft_{\log} : \mathbb{R} \times \mathbb{R} \mapsto \mathbb{R}; (x, d) \mapsto y := \frac{1}{d} \cdot \log_{10}(1 + x \cdot (10^d - 1)), \quad (7)$$

SERIES OF ITU-T RECOMMENDATIONS

Series A	Organization of the work of ITU-T
Series D	Tariff and accounting principles and international telecommunication/ICT economic and policy issues
Series E	Overall network operation, telephone service, service operation and human factors
Series F	Non-telephone telecommunication services
Series G	Transmission systems and media, digital systems and networks
Series H	Audiovisual and multimedia systems
Series I	Integrated services digital network
Series J	Cable networks and transmission of television, sound programme and other multimedia signals
Series K	Protection against interference
Series L	Environment and ICTs, climate change, e-waste, energy efficiency; construction, installation and protection of cables and other elements of outside plant
Series M	Telecommunication management, including TMN and network maintenance
Series N	Maintenance: international sound programme and television transmission circuits
Series O	Specifications of measuring equipment
Series P	Telephone transmission quality, telephone installations, local line networks
Series Q	Switching and signalling, and associated measurements and tests
Series R	Telegraph transmission
Series S	Telegraph services terminal equipment
Series T	Terminals for telematic services
Series U	Telegraph switching
Series V	Data communication over the telephone network
Series X	Data networks, open system communications and security
Series Y	Global information infrastructure, Internet protocol aspects, next-generation networks, Internet of Things and smart cities
Series Z	Languages and general software aspects for telecommunication systems