

INTERNATIONAL TELECOMMUNICATION UNION



Radiocommunication Bureau
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Administrative Circular
CAR/168

23 March 2004

To Administrations of Member States of the ITU

Subject: Proposed approval of 1 draft new Recommendation adopted by Radiocommunication Study Group 6

At the meeting of Radiocommunication Study Group 6, held on 1 and 2 October 2003, the Study Group decided to seek adoption of 3 draft new and 2 draft modified Recommendations by correspondence, according to § 10.2.3 of Resolution ITU-R 1-4 (adoption by a Study Group by correspondence).

As stated in Addendum 1 to Circular Letter 6/LCCE/37, dated 29 January 2004, the consultation period for the Recommendation contained in Document 6/39(Rev.1) ended on 29 February 2004.

The Recommendation has now been adopted by Study Group 6 and the procedure of Resolution ITU-R 1-4 § 10.4.5, is to be applied. The title and summary of this Recommendation is given in Annex 1.

Having regard to the provisions of § 10.4.5.2 of Resolution ITU-R 1-4, I should be grateful if you would inform the Secretariat (brsgd@itu.int) by 23 June 2004, whether your Administration approves or does not approve this draft Recommendation.

A Member State who indicates that this draft Recommendation should not be approved is requested to advise the reason and indicate possible changes in order to facilitate further consideration by the Study Group during the study period (§ 10.4.5.5 of Resolution ITU-R 1-4).

After the above-mentioned deadline, I will notify the results of this consultation by Administrative Circular and make arrangements for the approved Recommendation to be published in accordance with § 10.4.7 of Resolution ITU-R 1-4.

Any ITU member organization aware of a patent held by itself or others which may fully or partly cover elements of draft Recommendation(s) proposed for adoption is requested to disclose such information to me, in no case later than the date scheduled for approval of the Recommendations in this Administrative Circular. The “Statement on Radiocommunication Sector Patent Policy” is contained in Annex 1 of Resolution ITU-R 1-4.

Valery Timofeev
Director, Radiocommunication Bureau

Annex: Title and summary

Document attached: Document 6/BL/17 on CD-ROM

Distribution:

- Administrations of Member States of the ITU
- Radiocommunication Sector Members participating in the work of Radiocommunication Study Group 6
- ITU-R Associates participating in the work of Radiocommunication Study Group 6

ANNEX 1

Title and summary of the draft Recommendation adopted by Radiocommunication Study Group 6

Draft new Recommendation ITU-R BT. [Doc. 6/39]

Doc. 6/BL/17

Objective perceptual video quality measurement techniques for standard definition digital broadcast television in the presence of a full reference

Summary

This Recommendation defines four objective computational models that have been shown to be superior to PSNR as automatic measurement tools for assessing the quality of broadcast video. The four objective computational models were selected on the basis of the results of the latest VQEG FR-TV Phase II test.

The methods specified in this Recommendation are appropriate for estimating the perceived video quality of a one-way video system. This Recommendation applies to baseband signals. The methods in this Recommendation are applicable to:

- codec evaluation, specification, and acceptance testing;
 - potentially real-time, in-service quality monitoring at the source;
 - remote destination quality monitoring when a copy of the source is available;
 - quality measurement of a video storage or digital system that utilizes video compression and decompression techniques, either a single pass or a concatenation of such techniques.
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