

Proposal to study operational monitoring in addition to FR and RR-NR

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The three schemes of FR, RR and NR have been studied in VQEG in the context of correlation with perceptual picture quality.

On the other hand, at the scene of operational monitoring, there is urgent need for a technology that enables automatic remote monitoring of video quality for digital TV transmission chains. Their requirements range over many levels, and the correlation with perceptual picture quality is not necessarily requisite. For example, detecting video freeze and blackout automatically and instantly is itself considered very worthwhile and its realization is awaited.

It will be very significant for VQEG to study in the viewpoint of users in this way.

Therefore, we propose to newly study technologies for automatic remote monitoring and assessment of video quality for purposes of operational monitoring, in addition to the existing FR, RR and NR.

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