## Test Instructions

In this test you will be presented a series of pair of high dynamic range (HDR) video sequences. The term dynamic range means basically the difference between the lightest light and the darkest dark captured by a video camera. The idea behind HDR video is that it can provide a more realistic video scene than traditional video. You are expected to judge the impairment of a number of high dynamic range (HDR) test sequences compared to the reference sequences.

For each test sequence to rate, the reference sequence is shown first followed by the test sequence to vote for. This is repeated twice before you will get 5 seconds to vote for your impression of the impairment of the test sequence compared to the reference.

Reference

Vote 5s

Test

Reference

Test

The impairment in the test sequence compared to the reference is rated on a scale from 0 to 10 where 0 corresponds to heavily corrupt everywhere and 10 corresponds to no difference. We would like you to judge not only the level of impairment of details of the video, but also impairment of colors of the video in the test sequence compared to the reference sequence played first. The voting scale and grading explanations are presented below.

|  |  |  |  |
| --- | --- | --- | --- |
| **Score** | **Impairment in the test sequence compared to the reference** | | **Voting scale** |
| 10 | Imperceptible | No differences |  |
| 9 | Slightly perceptible | Hardly visible in one area |
| 8 | Hardly visible in many areas |
| 7 | Perceptible | Easily visible in one area |
| 6 | Easily visible in many areas |
| 5 | Clearly perceptible | Evident differences in one area |
| 4 | Evident differences in many areas |
| 3 | Annoying | Severely affect video in one area |
| 2 | Severely affect video in many areas |
| 1 | Severely annoying | Heavily corrupted in one area |
| 0 | Heavily corrupted everywhere |

The video sequences used in this test differ in frame rate which might result in jerky play out. Some sequences contain slow motion video. Uneven playout is not part of this assessment so please disregard this in your judgment. The test is divided into two test sessions, each around 20 minutes long. Before the first test session a training session with 5 test sequences to vote for will be performed to make you familiar with the type of impairments that will be present during the test. We will also check your eye-sight.

Extra instruktioner för vårat test:

Skärmens mjukvara hare en bug och det kan hända att bilden på TVn skiftar i sidled enligt bilden nedan. Om detta händer, låt bli att rösta och tryck en gång på [](http://www.google.se/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwjJmMnj48TLAhXSa5oKHc7lDv4QjRwIBw&url=http://www.soundandvision.com/content/sim2-grand-cinema-ht-300-e-link-dlp-projector-page-2&psig=AFQjCNF_oQf4EVsxvU0JS4kntUXf35ptwg&ust=1458203010591262) på fjärrkontrollen så återgår bilden till det normala.

 [](http://www.google.se/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwjJmMnj48TLAhXSa5oKHc7lDv4QjRwIBw&url=http://www.soundandvision.com/content/sim2-grand-cinema-ht-300-e-link-dlp-projector-page-2&psig=AFQjCNF_oQf4EVsxvU0JS4kntUXf35ptwg&ust=1458203010591262)

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