



Information technology — Coding of audio-visual objects —

Part 10: Advanced Video Coding

TECHNICAL CORRIGENDUM 2

Technologies de l'information — Codage des objets audiovisuels —

Partie 10: Codage visuel avancé

RECTIFICATIF TECHNIQUE 2

Technical Corrigendum 2 to ISO/IEC 14496-10:2005 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*.

In subclause 0.6 "Overview of the design characteristics", replace the sentence:

With the exception of the transform bypass mode of operation for lossless coding in the High 4:4:4 profile and the I_PCM mode of operation in all profiles, the algorithm is typically not lossless, as the exact source sample values are typically not preserved through the encoding and decoding processes.

with:

With the exception of the transform bypass mode of operation for lossless coding in the I_PCM mode of operation in all profiles, the algorithm is typically not lossless, as the exact source sample values are typically not preserved through the encoding and decoding processes.

In subclause 0.7 "How to read this specification", replace the sentence:

Annex A specifies seven profiles (Baseline, Main, Extended, High, High 10, High 4:2:2 and High 4:4:4), each being tailored to certain application domains, and defines the so-called levels of the profiles.

with:

Annex A specifies six profiles (Baseline, Main, Extended, High, High 10, and High 4:2:2), each being tailored to certain application domains, and defines the so-called levels of the profiles.

Remove subclause A.2.7.

Replace the title of subclause A.3.2 "Level limits common to the High, High 10, High 4:2:2, and High 4:4:4 profiles" with:

Level limits common to the High, High 10, and High 4:2:2 profiles

In subclause A.3.2, replace the sentence:

Bitstreams conforming to the High, High 10, High 4:2:2, or High 4:4:4 profiles at a specified level shall obey the following constraints:

with:

Bitstreams conforming to the High, High 10, or High 4:2:2 profiles at a specified level shall obey the following constraints:

In subclause A.3.3 "Profile-specific limits", replace all occurrences of:

In bitstreams conforming to the Main, High, High 10, High 4:2:2, or High 4:4:4

with:

In bitstreams conforming to the Main, High, High 10, or High 4:2:2

In subclause A.3.3, replace all occurrences of:

In bitstreams conforming to the High, High 10, High 4:2:2, or High 4:4:4 profile

with:

In bitstreams conforming to the High, High 10, or High 4:2:2 profile

In subclause A.3.3, replace all occurrences of:

in Table A-4 for the Main, High, High 10, High 4:2:2, and High 4:4:4 profiles

with:

in Table A-4 for the Main, High, High 10, and High 4:2:2 profiles