INTERNATIONAL STANDARD

ISO/IEC 14496-4

First edition
2004-12-15

AMENDMENT 28
2008-05-15

Information technology — Coding of audio-visual objects —

Part 4: Conformance testing

AMENDMENT 28: Conformance extensions for simple profile level 6

Technologies de l'information — Codage des objets audiovisuels —

Partie 4: Essai de conformité

AMENDEMENT 28: Extensions de conformité pour profil simple de niveau 6

Reference number
ISO/IEC 14496-4:2004/Amd.28:2008(E)

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Amendment 28 to ISO/IEC 14496-4:2004 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*.

It specifies conformance tests for Level 6 of the ISO/IEC 14496-2 Simple Profile. The bitstreams to be used for conformance testing of this level accompany this document.

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Information technology — Coding of audio-visual objects —

Part 4: Conformance testing

AMENDMENT 28: Conformance extensions for simple profile level 6

After 5.5.3.1.37 add 5.5.3.1.38:

5.5.3.1.38 Conformance for Simple Profile Level 6

5.5.3.1.38.1 Test Bitstream #A7-NOK21

Specification: A series of 720p (1280×720) resolution P-VOPs with some periodic I-VOPs, coded at frame rate 30 frames per second without data partitioning and with bit rate 12000 Kbps. The number of MB/s, packet size and bit rate are the maximum allowed for the profile-and-level combination. To achieve the maximum bit rate, several MBs are INTRA coded for each frame. The VBV approaches the maximum, then approaches the minimum after removal of a frame that is nearly as large as the vbv_buffer_size.

Functional stage: VBV

Purpose: Check that the decoder has sufficient buffering and I/O bandwidth for Simple Profile Level 6.

In 5.5.8, add the following table after Table 11:

Table AMD28.1 — Normative Test Suites for Simple Profile Level 6

NOTE Each row represents a single bitstream.

Legend:

S – Bitstream is intended for functional test

D – Bitstream is intended for dynamic test

X – Bitstream is for functional and dynamic test

Categories	Bitstream	Donated by	Bitstreams Name	Simple							Error Resilient Simple Scalable		
				L0b	L1	L2	L3	L4a	L5	L6	L0	L1	L2
	A7-NOK21	Nokia	nok_720p.cmp							X			

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ICS 35.040

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