
**Information technology — Coding of
audio-visual objects —**

Part 4:

Conformance testing

AMENDMENT 28: Conformance extensions
for simple profile level 6

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Technologies de l'information — Codage des objets audiovisuels —

Partie 4: Essai de conformité

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

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Published in Switzerland

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The main task of the joint technical committee is to prepare International Standards. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

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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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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 <https://standards.iteh.ai/catalog/standards/sist/bb2a32ed-a285-4b1c-9fb3-5e30c9a68619/iso-iec-14496-4:2004-amd-28:2008>

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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