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AMENDMENT 2
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Information technology — Coding of audio-visual objects —

Part 2: **Visual**

AMENDMENT 2: New levels for simple profile

Technologies de l'information — Codage des objets audiovisuels —

Partie 2: Codage visuel

AMENDEMENT 2: Nouveaux niveaux pour profil simple

Reference number
ISO/IEC 14496-2:2004/Amd.2:2005(E)

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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 2 to ISO/IEC 14496-2:2004 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*.

This amendment specifies two new Levels for the ISO/IEC 14496-2 Simple Profile: Level 4a and Level 5. These levels define increased capabilities of VMV size, VCV buffer size, VCV decoder rate, VBV buffer size, video packet length, and bit rate for the Simple Profile. In particular, Level 4a and Level 5 provide support for typical visual session sizes of 640x480 (often known as “VGA resolution”) and 720x576 (often known as “European SDTV resolution”), respectively, in rectangular-VOP luminance sample units.

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Information technology — Coding of audio-visual objects —

Part 2: Visual

AMENDMENT 2: New levels for simple profile

In Table G-1, after the line,

Simple Profile/Level 3	00000011

add the following lines:

Simple Profile/Level 4a	00000100
Simple Profile/Level 5	00000101

In Table G-1, replace:

Reserved	00000100 – 00000111

with:

Reserved	00000110 – 00000111

In Annex N, add the following rows to Table N-1 (above the row for Simple Profile/Level3):

Simple	L5	720 × 576	4	4 × Simple	1	3240	1620	40500	N.A.	112	112	16384	N.A.	N.A.	8000	N.A.
Simple	L4a	640 × 480	4	4 × Simple	1	2400	1200	36000	N.A.	80	80	16384	N.A.	N.A.	4000	N.A.

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