

---

---

**Information technology — Generic coding  
of moving pictures and associated audio  
information —**

**Part 4:  
Conformance testing**

**AMENDMENT 3 Level for 1080@50p/60p  
conformance testing**

*ISO/IEC 13818-4:2004/Amd.3:2009*  
*Technologies de l'information — Codage générique des images  
animées et des informations sonores associées —*  
*Partie 4: Essais de conformité*

*AMENDEMENT 3: Niveau pour essai de conformité 1080@50p/60p*

**PDF disclaimer**

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[ISO/IEC 13818-4:2004/Amd 3:2009](https://standards.iteh.ai/catalog/standards/sist/1da297c1-2868-4e17-b340-609593c1d57a/iso-iec-13818-4-2004-amd-3-2009)

<https://standards.iteh.ai/catalog/standards/sist/1da297c1-2868-4e17-b340-609593c1d57a/iso-iec-13818-4-2004-amd-3-2009>



**COPYRIGHT PROTECTED DOCUMENT**

© ISO/IEC 2009

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office  
Case postale 56 • CH-1211 Geneva 20  
Tel. + 41 22 749 01 11  
Fax + 41 22 749 09 47  
E-mail [copyright@iso.org](mailto:copyright@iso.org)  
Web [www.iso.org](http://www.iso.org)

Published in Switzerland

## Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work. In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

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.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO and IEC shall not be held responsible for identifying any or all such patent rights.

Amendment 3 to ISO/IEC 13818-4:2004 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 29, *Coding of audio, picture, multimedia and hypermedia information*.

**(standards.iteh.ai)**

[ISO/IEC 13818-4:2004/Amd 3:2009](https://standards.iteh.ai/catalog/standards/sist/1da297c1-2868-4e17-b340-609593c1d57a/iso-iec-13818-4-2004-amd-3-2009)

<https://standards.iteh.ai/catalog/standards/sist/1da297c1-2868-4e17-b340-609593c1d57a/iso-iec-13818-4-2004-amd-3-2009>

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

ISO/IEC 13818-4:2004/Amd 3:2009

<https://standards.iteh.ai/catalog/standards/sist/1da297c1-2868-4e17-b340-609593c1d57a/iso-iec-13818-4-2004-amd-3-2009>

# Information technology — Generic coding of moving pictures and associated audio information —

## Part 4: Conformance testing

### AMENDMENT 3: Level for 1080@50p/60p conformance testing

*After 6.4.3.34, add the following new subclause:*

#### **6.4.3.35 Test bitstream #35, #36**

**Specification:** A bitstream conforming to Main profile @ HighP level at maximum bitrate.

**Functional stage:** overall

**Purpose:** Check that decoder can decode Main profile @ HighP level bitstream.

ITeH STANDARD PREVIEW  
(standards.iteh.ai)

*In 6.4.6, replace Table 1 with the following table:*

<https://standards.iteh.ai/catalog/standards/sist/1da297c1-2868-4e17-b340-609593c1d57a/iso-iec-13818-4-2004-amd-3-2009>

Table 1

Normative test suite for HP@HL															
Normative test suite for HP@H-14															
Normative test suite for HP@ML															
Normative test suite for Spt@H-14															
Normative test suite for SNR@ML															
Normative test suite for SNR@LL															
Normative test suite for MP@HPL															
Normative test suite for MP@HL															
Normative test suite for MP@H-14															
Normative test suite for MP@ML															
Normative test suite for MP@LL															
Normative test suite for SP@ML															
Normative test suite for 4:2:2@ML															
Profile-and-level of the bitstream															
Bitstream specification #															
	test bitstream directory														
30	tcela/tcela-16-matrices	11172-2	x	x	x	x	x	x	x	x	x	x	x	x	x
31	tcela/tcela-18-d-pict	11172-2	x	x	x	x	x	x	x	x	x	x	x	x	x
34	compcore/ccm1	11172-2	x	x	x	x	x	x	x	x	x	x	x	x	x
32	tcela/tcela-19-wide	11172-2	x	x	x	x	x	x	x	x	x	x	x	x	x
3	toshiba/toshiba_DPall-0	SP@ML	x	x		x	x	x	x	x	x	x	x	x	x
3	nokia/nokia6	SP@ML	x	x		x	x	x	x	x	x	x	x	x	x
3	nokia/nokia_7	SP@ML	x	x		x	x	x	x	x	x	x	x	x	x
3	tcela/tcela-14-bff-dp	SP@ML	x	x		x	x	x	x	x	x	x	x	x	x
7	ibm/ibm-bw-v3	SP@ML	x	x		x	x	x	x	x	x	x	x	x	x
13	tcela/tcela-8-fp-dp	SP@ML	x	x		x	x	x	x	x	x	x	x	x	x
13	tcela/tcela-9-fp-dp	SP@ML	x	x		x	x	x	x	x	x	x	x	x	x
16	mei/MEI.stream16v2	SP@ML	x	x		x	x	x	x	x	x	x	x	x	x
16	mei/MEI.stream16.long	SP@ML	x	x		x	x	x	x	x	x	x	x	x	x
18	ntr/ntr_skipped_v3	SP@ML	x	x		x	x	x	x	x	x	x	x	x	x
27	teracom/teracom_vlc4	SP@ML	x	x		x	x	x	x	x	x	x	x	x	x
28	tcela/tcela-15-stuffing	SP@ML	x	x		x	x	x	x	x	x	x	x	x	x
29	tcela/tcela-17-dots	SP@ML	x	x		x	x	x	x	x	x	x	x	x	x
1	gi/gi4	MP@ML	x			x	x	x	x	x	x	x	x	x	x
1	gi/gi6	MP@ML	x			x	x	x	x	x	x	x	x	x	x
1	gi/gi_from_tape	MP@ML	x			x	x	x	x	x	x	x	x	x	x
1	gi/gi7	MP@ML	x			x	x	x	x	x	x	x	x	x	x
1	gi/gi_9	MP@ML	x			x	x	x	x	x	x	x	x	x	x
1	ti/TI_c1_2	MP@ML	x			x	x	x	x	x	x	x	x	x	x
2	tceh/tceh_conf2	MP@ML	x			x	x	x	x	x	x	x	x	x	x
2	mei/mei.2confest.4f	MP@ML	x			x	x	x	x	x	x	x	x	x	x
2	mei/mei.2confest.60f.new	MP@ML	x			x	x	x	x	x	x	x	x	x	x
4	tek/Tek-5.2	MP@ML	x			x	x	x	x	x	x	x	x	x	x
4	tek/Tek-5-long	MP@ML	x			x	x	x	x	x	x	x	x	x	x

5	tcela/tcela-6-slices	MP@ML	x			x	x	x	x	x	x	x	x	x
5	tcela/tcela-7-slices	MP@ML	x			x	x	x	x	x	x	x	x	x
6	sony/sony-ct1	MP@ML	x			x	x	x	x	x	x	x	x	x
6	sony/sony-ct2	MP@ML	x			x	x	x	x	x	x	x	x	x
6	sony/sony-ct3	MP@ML	x			x	x	x	x	x	x	x	x	x
6	sony/sony-ct4	MP@ML	x			x	x	x	x	x	x	x	x	x
8	att/att_mismatch	MP@ML	x			x	x	x	x	x	x	x	x	x
8	teracom/teracom_vlc4	MP@ML	x			x	x	x	x	x	x	x	x	x
10	ccett/mcp10ccett	MP@ML	x			x	x	x	x	x	x	x	x	x
11	lep/bits_conf_lep_11	MP@ML	x			x	x	x	x	x	x	x	x	x
12	hhi/hhi_burst_short	MP@ML	x			x	x	x	x	x	x	x	x	x
12	hhi/hhi_burst_long	MP@ML	x			x	x	x	x	x	x	x	x	x
14	tcela/tcela-10-killer	MP@ML	x			x	x	x	x	x	x	x	x	x
35	sony/sony-mphp1	MP@HPL							x					
36	sony/sony-mphp2	MP@HPL							x					
23	tceh/tceh_conf23.v2	Spt@H-14									x		x	x
24	hhi/hhi_spat23	Spt@H-14									x		x	x
20	tceh/tceh25_conf	SNR@ML								x	x	x	x	x
22	hhi/hhi22_snr	SNR@ML								x	x	x	x	x
21	ti/ti_21	SNR@ML								x	x	x	x	x
2	Tek6-422-bigBpic	4:2:2@ML	x											
2	Tek6-422-bigBpic-long	4:2:2@ML	x											
5	Tek7-422-smallSlices	4:2:2@ML	x											
5	Tek7-422-smallSlices-long	4:2:2@ML	x											
14	Tek8-422-16x8inBpics	4:2:2@ML	x											
14	Tek8-422-16x8inBpics-long	4:2:2@ML	x											
11	Tek9-422-uniformVLC	4:2:2@ML	x											
11	Tek9-422-uniformVLC-long	4:2:2@ML	x											
7	ibm_dp_intra_422	4:2:2@ML	x											
1	sony_422_id01-1	4:2:2@ML	x											
3	sony_422_id03-1	4:2:2@ML	x											
13	sony_422_id13-1	4:2:2@ML	x											
12	hhi_burst_422_short	4:2:2@ML	x											
12	hhi_burst_422_long	4:2:2@ML	x											

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

ISO/IEC 13818-4:2004/Amd 3:2009  
<https://standards.iteh.ai/catalog/standards/sist/1da297c1-2868-4e17-b340-609593c1d57a/iso-iec-13818-4-2004-amd-3-2009>

---

---

**ICS 35.040**

Price based on 3 pages