

**INTERNATIONAL ORGANISATION FOR STANDARDISATION
ORGANISATION INTERNATIONALE DE NORMALISATION
ISO/IEC JTC 1/SC 29/WG 4
MPEG VIDEO CODING**

ISO/IEC JTC 1/SC 29/WG 4 m 70738

January 2025, Geneva, CH

Title: [MIV] Chroma dynamic range modification conformance bitstream

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1 Abstract

The document presents the new CB27 conformance bitstream generated using TMIV21 including the chroma dynamic range modification syntax. The following files are provided:

- (1) .bit bitstream,
- (2) .txt readme file,
- (3) .dec output log
- (4) .hls human readable parsed metadata
- (5) .csv file with bitrate report

2 CB26: decoder-side depth estimation

List of tested features:

- casps_miv_2_extension_present_flag = true
- casme_chroma_scaling_present_flag = true

Parameters:

- sequence E01
- number of frames = 3
- intra period = 32
- configuration files: config/test/chroma_range_modification
- VVenC v1.12.0
- gcc 11.4
- generated bitstream is TMIV_DS3_E_QP3.bit (212,690 bytes).
- the bitstream is renderable.

3 Output log

```
0 0 480 2176 G abc7a6e8 A 0 1983a84f d267b92b 6c514198 c8090ad0 73b0f2c9 00000000 26c9cb0a
0 1 480 2176 G a5eb01c9 A 0 eabd5368 b2d9921a 09b74cad c8090ad0 73b0f2c9 00000000 26c9cb0a
0 0 480 2176 G 1691e1ea A 0 470049e5 d267b92b 1c7d7130 5d965e6a 73b0f2c9 00000000 26c9cb0a
0 1 480 2176 G 1b885fe6 A 0 2866a8d3 b10aa526 f269ab6b 5d965e6a 73b0f2c9 00000000 26c9cb0a
0 0 480 2176 G 287923f8 A 0 f64363c6 d267b92b 78cfde4c 8aad5906 73b0f2c9 00000000 26c9cb0a
0 1 480 2176 G 984ea41e A 0 bc70cbc0 b10aa526 c6f1b040 8aad5906 73b0f2c9 00000000 26c9cb0a
```

4 Recommendation

The authors recommend using the conformance bitstream presented in this document for assessing the conformance of a MIV decoder with respect to the normative requirements specified in ISO/IEC 23090-12.

5 Acknowledgement

This work was supported by Ministry of Science and Higher Education of Republic of Poland.