

Title: JCT-VC AHG report: Chroma format support (AHG 20)

Status: Input Document to JCT-VC

Purpose: Ad-hoc group report

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Source: AHG 20

Abstract

This report summarizes the activities of Ad Hoc Group 20 on Chroma Formats between the 6th and 7th JCT-VC meetings.

Mandates

The ad hoc group was mandated to:

- Study aspects of the technical design and software that need modification to support non-4:2:0 chroma formats.
- Assist and advise in the work of removing implicit assumptions of 4:2:0 formatting from the WD and software (where feasible, without introducing technical design changes).

AHG activities

There was little activity on chroma formats during this period. A set of software modifications are currently being reintegrated into HM-4.1.

Recommendations

It is recommended to:

- Hold a BoG to encourage progress on chroma format support, with reference to [1].
- Continue the AHG to investigate incompatibilities with the current working draft and the use of chroma formats other than 4:2:0.

References

[1] K. Sugimoto, A. Minezawa, and S. Sekiguchi, "4:2:2 support in HEVC." JCTVC-G967, Nov. 2011.