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**ISO/IEC JTC1/SC29/WG11**

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# Abstract

This document describes the goals and mandates of PCC Validation Experiment (VE) 2.04 on Attribute Coding.

# Introduction

The goal of VE2.04 is to verify the implementation of attribute coding support as proposed in [1]. Once the implementation and results are verified, the method will be integrated into the reference software TMC2 v7.0. The results of this VE will be reported to the 3DG/PCC AhG via its email reflector.

# Mandates

The mandate for VE2.04 is as follows:

* + 1. Verify the implementation and the performance for integrating attribute coding support in the V-PCC test model TMC.

# Participants

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
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(P=proponent, C=crosss checker)

# Test Model, anchors and CTC

The implementation will be on top of TMC2 v6.0 [2] using the first 15 frames of test content *Thaidancer\_viewdep\_vox12* following the lossy RA and AI conditions specified in the Common Test Conditions document [3]. The objective results will be provided using the result spreadsheet template.

# Timeline

2019/09/05 Patch available in the uploaded document [1].

2019/09/09 Share full-frame results with the cross checkers

2019/09/23 Confirmation of the full-frame results by the cross checkers

2019/09/30 Integration of the method into the integration branch for TMC2 v7.0 (subject to confirmation from the cross checkers)

# Document and software references

1. D. Naik, S. Schwarz, “[V-PCC] CE2.15 report on Attribute Coding (SLF),” ISO/IEC JTC1/SC29 WG11 Doc. M49123, July 2019, Gothenborg, SE
2. PCC Test Model Category 2 v6, ISO/IEC JTC1/SC29 WG11 Doc. N18475, January 2019, Geneva, CH
3. Common test conditions for PCC, ISO/IEC JTC1/SC29 WG11 Doc. N18474, January 2019, Geneva, CH