

ISO/IEC 21122-4:2025-04 (E)

Information technology - JPEG XS low-latency lightweight image coding system - Part 4: Conformance testing

Contents

Page

Foreword..... **iv**

Introduction..... **v**

1 Scope..... **1**

2 Normative references..... **1**

3 Terms and definitions..... **1**

4 Abbreviated terms..... **2**

5 General description..... **2**

 5.1 Overview..... **2**

 5.2 Codestream syntax testing..... **2**

 5.3 Test procedures to test decoders for conformance to ISO/IEC 21122-1..... **2**

 5.4 Test procedures to test decoders for conformance to ISO/IEC 21122-3..... **3**

 5.5 File format syntax testing..... **3**

 5.6 ISO/IEC 21122-2 Profile, level, sublevel and frame buffer level conformance testing..... **3**

 5.7 ISO/IEC 21122-2 Buffer model conformance testing..... **3**

 5.8 ISO/IEC 21122-2 Frame buffer model conformance testing..... **3**

 5.9 Electronic attachments..... **3**

6 Conformance files availability and updates..... **3**

Annex A (normative) Codestream syntax testing procedures..... **4**

Annex B (normative) Decoder testing procedures..... **5**

Annex C (normative) Decoder conformance tests..... **11**

Annex D (normative) File format syntax testing procedures..... **17**

Annex E (normative) Buffer model conformance testing..... **18**

Annex F (normative) Buffer model conformance testing..... **20**

Annex G (informative) Attached software..... **22**

Bibliography..... **24**