Video Codec Testing and Quality Measurement
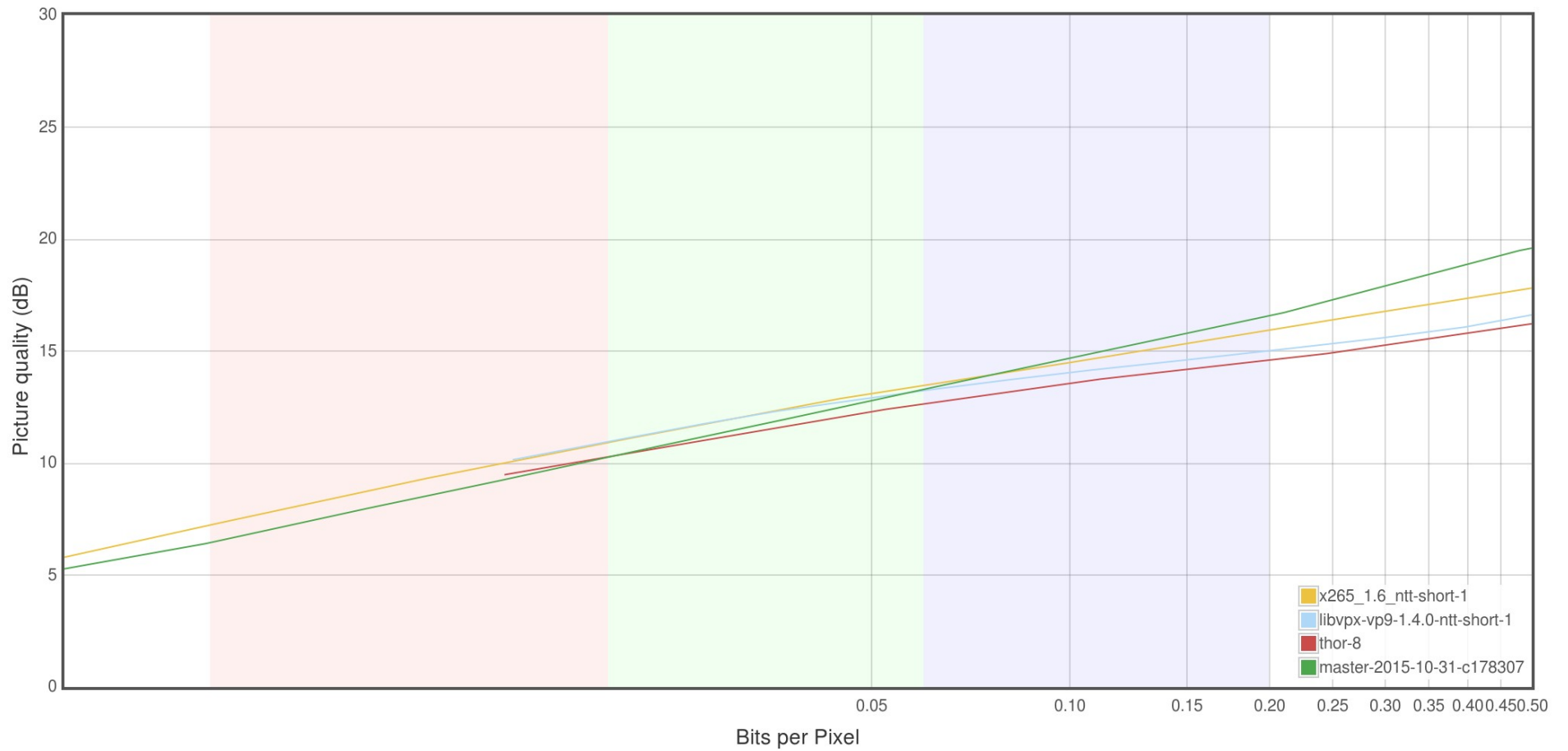# draft-daede-netvc-testing-02

Thomas Daede

New bitrate ranges

o Low bitrate: 0.005 - 0.02 bpp

o Medium bitrate: 0.02 - 0.06 bpp

o High bitrate: 0.06 - 0.2 bpp

New bitrate ranges

Unconstrained Low Latency

- "Constrained Low Latency" highly dependent on closed loop bitrate control

- Concerns raised that this adds noise

- Highly dependent on tuning for specific sequences

Unconstrained Low Latency

- Highest quality per bit, similar to High Latency profile

- No buffer model

- Still has zero lookahead and zero delay constraints

- Still "black box" model of codec

- Codec parameters specified

New ABX subjective testing section

- Matches what is available on AreWeCompressedYet for images

- Simple ranking, no MOS scores yet

Unresolved issues

- All metrics are chroma plane only

- All test videos have chroma information

- New 1080p and 4k footage

Comments