RTP Payload Format for Uncompressed Video

draft-ietf-avt-uncomp-video-04

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Changes since -03:

- **M bit:**
  - progressive video: indicates end of frame
  - interlaced video: indicates end of each field

- **90Khz timestamps:**
  - MUST -> SHOULD

- Draft now references RFC3550

- Added SDP parameters:
  - **top-field-first**
    - An optional parameter for interlaced video, when present it indicates that chroma samples are packetized starting with the first line of field 1
  - **chroma-position: a,b**
    - Indicates sampling position of chroma value
4:2:0 video with chroma-position = 5

- The numbering is general: from left to right and top to bottom, applies to any color sub-sampling.
Top-field-first

4:2:0 sampling for MPEG2 with top-field-first

4:2:0 sampling for MPEG2 without top-field-first
SDP example:

Required:
- rate,
- sampling,
- width, height, depth,
- colorimetry
- chroma-position

Optional:
- interleaved,
- top-field-first

m=video 30000 RTP/AVP 112
a=rtpmap:112 raw/90000
a=fmtcp:112 sampling=YUV-4:2:0; width=1280; height=720;
  depth=10; colorimetry=BT.709-2, chroma-position=4, interleaved,
top-field-first
Last Call?

- Is the draft ready for last call?