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SMPTE STANDARD

SMPTE 6-1998

 Revision of
ANSI/SMPTE 6-1993

for Video Recording — 2-in Quadruplex Tape — Video, Audio and Tracking-Control Records



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1 Scope

This standard specifies both the locations for the edges of the video, audio, and tracking-control records, and the mechanical separation of the simultaneously recorded information of the video and audio records, as recorded at 15 and 7.5 in/s on 2-in quadruplex video magnetic tape.

2 Definitions

2.1 transverse: Pertaining to dimensions or motions perpendicular to the tape travel.

2.2 longitudinal: Pertaining to dimensions or motions parallel to the tape travel.

2.3 downstream: Pertaining to locations on the tape longitudinally displaced from a given reference point, in the direction of tape travel.

2.4 upstream: Pertaining to locations on the tape longitudinally displaced from a given reference point, in the direction opposite to tape travel.

2.5 reference edge: On a video tape containing quadruplex-recorded information, that longitudinal tape edge nearest the tracking-control record.

2.6 trailing edge, video track: The upstream edge of the video track.

2.7 transverse reference line: A line perpendicular to the reference edge and passing through a video track trailing edge at its lowest end (point T_0) as in figure 1.

3 General

3.1 References

The transverse reference line and reference edge shall be the references for all dimensions in this standard.

3.2 Measurement conditions

The dimensions specified in this standard are measured with no transverse or longitudinal tension applied to the tape (see annex A.4).

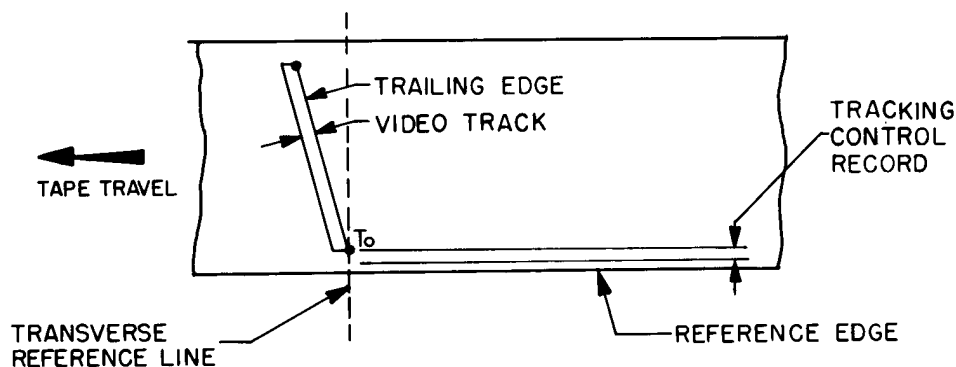


Figure 1 – Definitions