



The attached SMPTE Engineering Document has been declared “Stable” by the controlling Technology Committee.

The SMPTE Operations Manual for Standards states:

A document should be stabilized if it is believed to be substantially correct, does not contain harmful or misleading recommendations, may still be relevant to equipment or practices in use, is stable, but does not represent current technology, and need not be subject to future reviews.

A Stable document shall still be made available and offered for sale by the Society, but it shall be prefaced by a cover page explaining its current status.

At any time, a Technology Committee may revise, amend, or otherwise initiate a new Project on a Stable document.

A Stable document is “In Force”, and not deprecated or withdrawn.

*** * * * ***

Note:

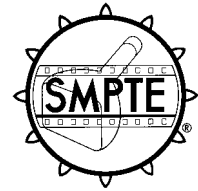
SMPTE “Stable” documents were previously described as “Archived” and the attached document may be marked as “Archived”. The status of a SMPTE document described as “Archived” is exactly as described above for a “Stable” document.

Stable documents may not adhere to the latest style and format of SMPTE documents, or to current usage of normative language. Suitable care should be taken in interpretation.

SMPTE RECOMMENDED PRACTICE**RP 96-1993**

Revision of RP 96-1988

Specifications for Subjective Reference Tapes for Helical-Scan Video Tape Reproducers for Checking Receiver/Monitor Setup



Page 1 of 4 pages

1 Scope

This practice specifies magnetic video reference tapes for subjective evaluation of receiver or monitor setup and overall performance of video and audio derived from 3/4-in type E and 1/2-in types G and H magnetic helical-scan tape reproducers. No test instruments are required.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this practice. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this practice are encouraged to investigate the possibility of applying the most recent edition of the standards indicated below.

ANSI/SMPTE 21M-1986 (R1991), Video Recording — 3/4-in Type E Helical Scan — Records

ANSI/SMPTE 22M-1986 (R1991), Video Recording — 3/4-in Type E Helical Scan — Cassette

ANSI/SMPTE 32M-1993, Video Recording — 1/2-in Type H — Cassette, Tape and Records

ANSI/SMPTE 35M-1991, Television Analog Recording — 1/2-in Type G — Cassette and Tape

EIA 189-A, Encoded Color Bar Signal

IEEE Std 202-1954 (R1972), Television: Method of Measurement of Aspect Ratio and Geometric Distortion

SMPTE EG 1-1990, Alignment Color Bar Test Signal for Television Picture Monitors

SMPTE RP 27.3-1989, Specifications for Safe Action and Safe Title Areas Test Pattern for Television Systems

SMPTE RP 87-1991, Reference Carrier Frequencies, Preemphasis Characteristics and Audio and Control Signals for 3/4-in Type E Helical-Scan Video Tape Cassette Recording

3 Reference tapes**3.1 3/4-in type E format****3.1.1 Tape records**

The location and dimensions of the video and audio records shall be in accordance with ANSI/SMPTE 21M.

3.1.2 Signal parameters

The video and audio signals shall be recorded in accordance with SMPTE RP 87.

3.1.3 Cassette

The test tape shall be packaged in a cassette made in accordance with ANSI/SMPTE 22M.

3.2 1/2-in type G format**3.2.1 Cassette**

The test tape shall be packaged in a cassette made in accordance with ANSI/SMPTE 35M.