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SMPTE RECOMMENDED PRACTICE**RP 27.3-1989**

Revision of RP 27.3-1983

Specifications for Safe Action and Safe Title Areas Test Pattern for Television Systems

Page 1 of 3 pages

1 Scope

This practice specifies the format, dimensions, and optical densities for a test pattern for safe action and safe title areas for television systems.

2 Purpose

This practice specifies a test pattern which indicates the safe action image area within which all significant action must take place and the safe title image area within which the more important information must be confined to ensure visibility of the information on the majority of home television receivers.

3 Format**3.1 Pattern**

A reproduction of the test pattern is shown in figure 1.

3.2 Area limit markings

Dashed lines having the shape and dimensions shown in the figures and table shall be provided to indicate the boundaries of the safe action and title areas.

3.3 Arrows and border

The eight boundary arrows and border define the edge of the test pattern area and the scanned area.

3.4 Pattern identification

The identification number of this practice shall appear on the pattern as specified in the figures.

4 Dimensions**4.1 Test pattern**

The dimensions of the test pattern shall be as shown in figure 2 and the table in percentage of frame height and reproduced with a tolerance of $\pm 2\%$ of the frame height.

4.1.1 The area identification marks shall be positioned symmetrically on the centerlines of the image area as specified in 4.4 within $\pm 2\%$ of the respective dimension.

4.2 Image size

The size of the scanned area, as indicated by the eight boundary arrows, shall be as follows:

4.2.1 2x2-in test slides shall have image dimensions in accordance with American National Standard for Television — Image Areas and Mounts for Slides and Opaques, ANSI/SMPTE 94-1985.

4.2.2 35-mm test films shall have image dimensions in accordance with American National Standard for Motion-Picture Film (35-mm) — Television Image Area, ANSI PH22.95-1984.

4.2.3 16-mm test films shall have image dimensions in accordance with American National Standard Dimensions for Television Image Area on 16-mm Motion-Picture Film, ANSI PH22.96-1982.

4.3 Black-and-white border

The dimensions of the black-and-white border shall be as given in table 1.