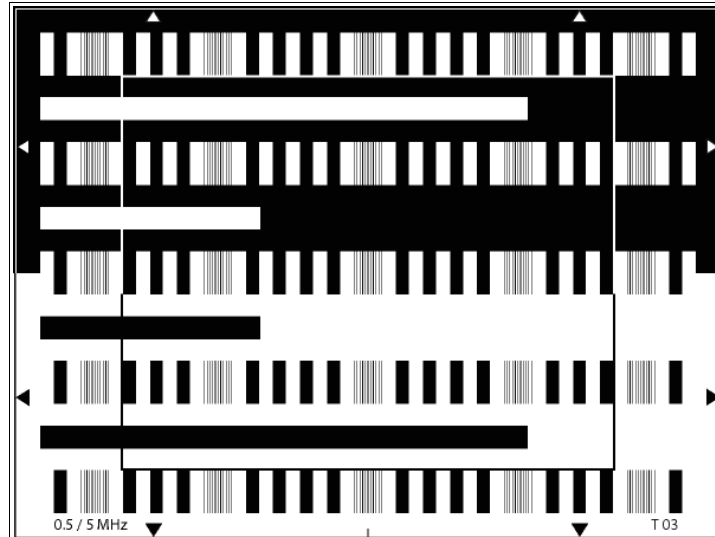




DEPTH OF MODULATION TEST CHART

REFLECTANCE



The T03 is designed for evaluating the uniformity of the modulation depth of TV cameras.

Data

The test chart shows 5 horizontal rows A, B, C, D, and E of line rasters. The line rasters generate frequencies of 0.5 and 5 MHz. Between the line raster rows 2 white bars of different lengths are arranged on a black background (upper part) resp. 2 black bars of different lengths are arranged on a white background (bottom part). The size of the marked rectangle corresponds roughly to the maximum size of the writing area.

Utilization

The test chart is used for evaluating the uniformity of the modulation depth of TV cameras.

Before starting the actual measuring process it is important to ensure by means of the white and black horizontal bars an optimal alignment in respect of streaking in scanning line direction. To determine the uniformity of the modulation depth the amplitudes of the 0.5 MHz oscillations are measured in the oscillogram of the camera output signal on different sections of the image area.