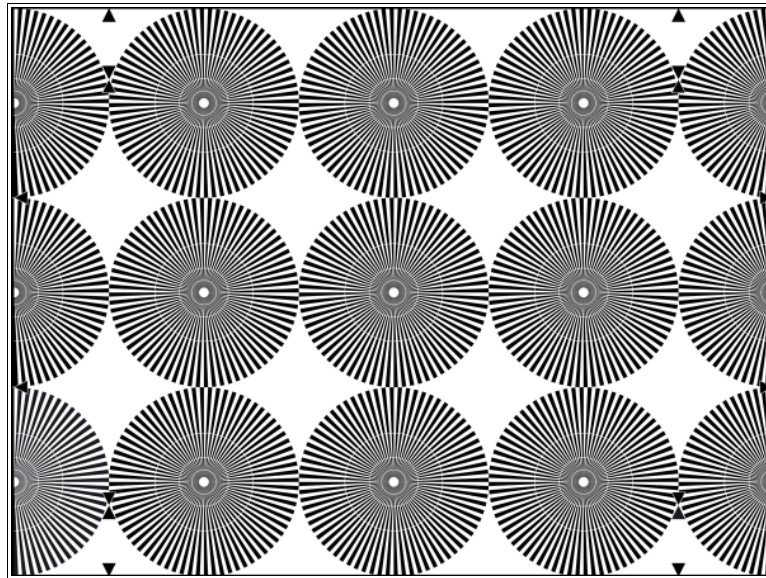




# HDTV RADIAL RESOLUTION CHART

## REFLECTANCE



The TE237 serves for checking resolution over the whole picture area.

The test chart consists of three rows of three complete and two half sector stars of 72 (black and white) sectors. The stars are marked with three white circles which indicate resolution. This also applies to the outer diameter and the inner unresolved white circle. The marked resolution are (beginning with the outer diameter):

outer diameter	50 cph	100 TV lines
first circle	100 cph	200 TV lines
second circle	200 cph	400 TV lines
third circle	400 cph	800 TV lines
unresolved circle	1000 cph	2000 TV lines

The chart has an aspect ratio of 4:3 but additional markings for 16:9 between the stars in the first and third row. Because the chart is used especially for HDTV the height of the cph measure relates to the 16:9 aspect ratio.

Resolution measurement with TV lines is independent from TV standard.