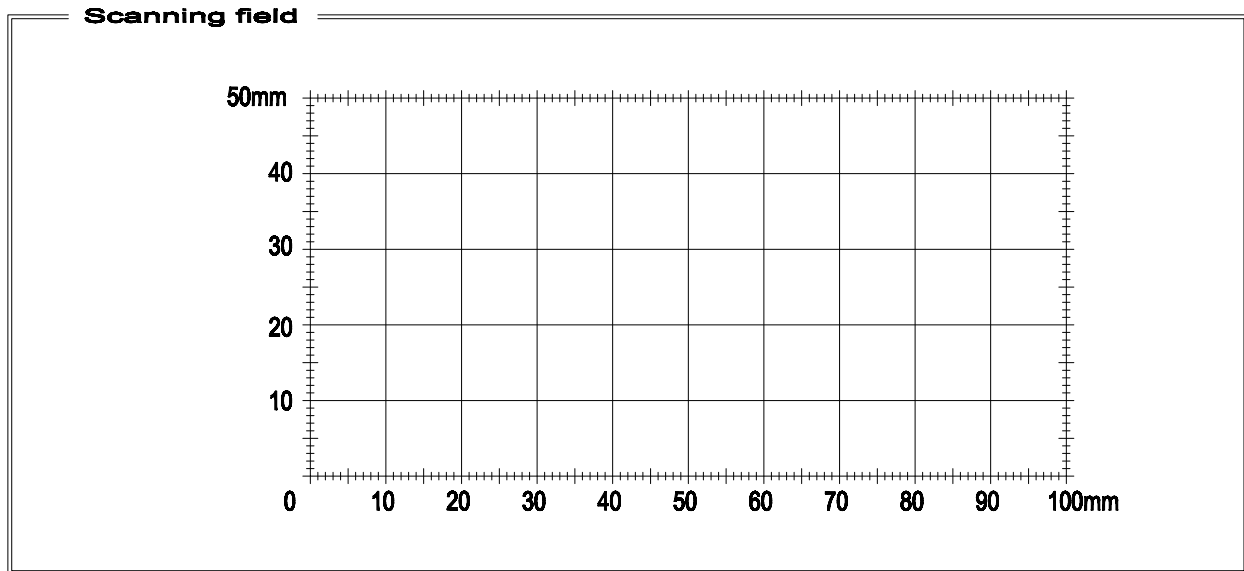


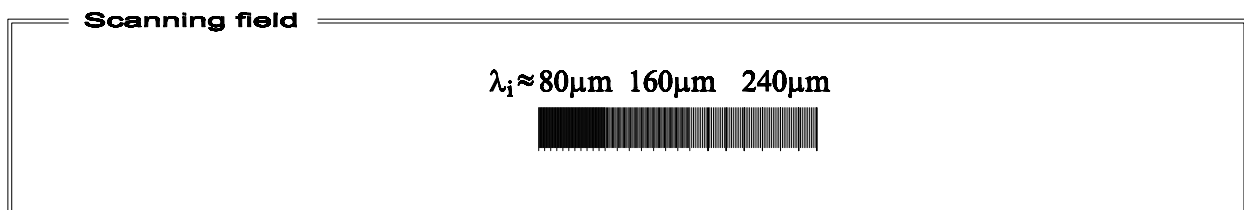
Test-object #2 (control&diagnostics 1) for "MAGReader" scanner

1. Estimation of relative error for linear dimension measurements

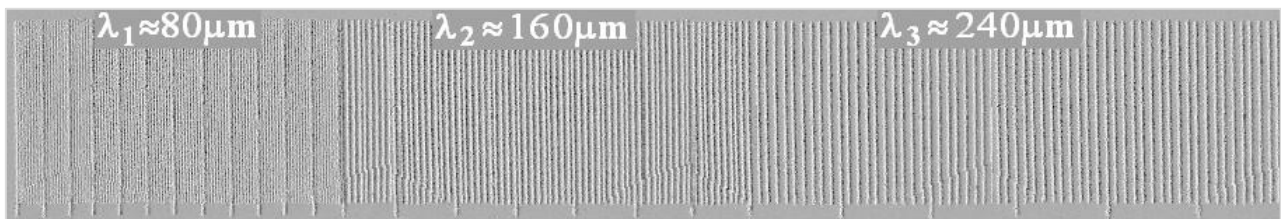


Estimation method. The relative error of measurement is estimated by the formula:
 $\delta = 100\% \cdot (L_{\text{measuring}} / L_{\text{pattern}})$. Permissible error of measurement is $\delta \leq \delta_{\text{max}} = 3\%$.

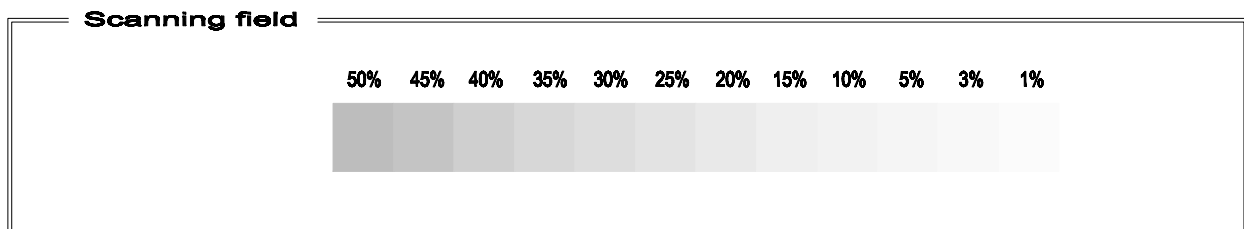
2. Estimation of resolution



Expert estimation method. Magneto-optical visualization image must show lines in the segments of the strip, having different recording density ($\lambda_1 \approx 80\mu\text{m} \approx 600\text{dpi}$; $\lambda_2 \approx 160\mu\text{m} \approx 300\text{dpi}$; $\lambda_3 \approx 240\mu\text{m} \approx 150\text{dpi}$), as in the following example:



3. Estimation of sensitivity and dynamic range



Expert estimation method. Magneto-optical visualization image must show grid of dots in the range of dye density from 50% до 1%, as in the following example:

