

Please fill out or mark by ( x ):

**Form B: Questions for frame area output of achromatic test chart AE06 according to ISO 9241–306 for computer display ( ) or for external display ( ):**

File name: e. g. AE06F0PX\_CY8\_1.PDF (write code from bottom right side).....

Test person (e. g. name, first name):.....

Test date (e. g. 2017–03–01):.....

Computer operating system and version (e. g. Unix Build X.Y)<sup>1</sup>:.....

PDF Reader software and version for display output (e. g. Adobe Reader 7.0)<sup>1</sup>:....

Display (computer or external) driver and "gamma value" of linearized output:..

**Remarks:**

The output size on the computer display should be adjusted to the original size (282 mm x 194 mm) for the inner thicker frame rectangle. If possible one should adjust with an accuracy of  $\pm 2$  mm to this size by the software using a ruler.

The output size of the external display is different. For the test report the scaling factors (see below) of the corresponding output size of the computer display should be used.

**Test of agreement of the four 5–step grey scales according to the grey scales in the frame region:**

Are there clearly–seen differences between the four 5–step grey scales near the four corners? Yes/No

If Yes: Indicate by ( x ) – only one ( x ) – which grey scale deviates most from the average of the four grey scales and mark if this is darker or lighter.

top left ( ) if ( x ) is this darker ( ) or lighter ( )?

top right ( ) if ( x ) is this darker ( ) or lighter ( )?

bottom left ( ) if ( x ) is this darker ( ) or lighter ( )?

bottom right ( ) if ( x ) is this darker ( ) or lighter ( )?

**Test of the scaling factors using width and height of the inner rectangle in the frame region:**

The width and height of the inner rectangle in  $x$  and  $y$  directions, expressed in millimetres, of the reproduction ( $\Delta x_o$  and  $\Delta y_o$ , where  $o$  is output) is to be measured. The scaling factors  $s_x$  and  $s_y$  in the  $x$  and  $y$  directions shall be calculated. For this, three digits, in millimetres and with rounding such as in the example, are used (e. g.  $s_x = 1,01$  and  $s_y = 0,98$ ).

$$s_x = \Delta x_o / \Delta x_r = \dots \text{ mm} / 282 \text{ mm} = \dots$$

$$s_y = \Delta y_o / \Delta y_r = \dots \text{ mm} / 194 \text{ mm} = \dots$$

NOTE The width  $\Delta x_r$  and height  $\Delta y_r$  of the inner rectangle are defined in PS–file (or equivalent) as 282 mm in the  $x$  direction and 194 mm in  $y$  direction.