

Change of the display output by absolute or relative gamma

IEC 61966-2-1 defines an absolute gamma g_a .

ISO 9241-306 defines a relative gamma $g_p = g_a / 2,4$.

If gamma is decreasing, then display output appear lighter.

The computer operating system *Mac OS X V10.7.5*

allows a steering of the display output by the following options:

Apple, System Proferences, Display, Color, Calibrate, Expert Mode

After several *Continue* there is a ruler *Target Gamma*.

The Gamma can be changed continuously between

the absolute Gamma $g_a=1,0$ and $g_a=2,6$.

Then the contrast of the display output changes from low to high.

For 4 contrast steps the display output was captured by *Grab*.

For $g_a=1,2$ the file name is: *LCD_12_MAC.tiff*.

For $g_a=1,6$ the file name is: *LCD_16_MAC.tiff*.

For $g_a=2,0$ the file name is: *LCD_20_MAC.tiff*.

For $g_a=2,4$ the file name is: *LCD_24_MAC.tiff*.

The file AEX30-5N.PDF shows the change to PS and PDF files.