

**Test for the visual linearized output of pictures A1Wdd to A3Wdd** Yes/No  
**Output test with the computer display ( ) or the external display ( )**

**Test of the radial grating according to picture A1Wdd** Yes/No  
 N-W-radial grating: Is the resolution diameter < 6 mm? Yes/No

Test with magnifying glass (e.g. 6x) resolution diameter ..... mm

W-N-radial grating: Is the resolution diameter < 6 mm? Yes/No  
 Test with magnifying glass (e.g. 6x) resolution diameter ..... mm

N-Z-radial grating: Is the resolution diameter < 6 mm? Yes/No  
 Test with magnifying glass (e.g. 6x) resolution diameter ..... mm

W-Z-radial grating: Is the resolution diameter < 6 mm? Yes/No  
 Test with magnifying glass (e.g. 6x) resolution diameter ..... mm

**Test of 5 visual equidistant L\*-grey steps according to picture A2Wdd** Yes/No  
 Are the 5 steps on the upper rows distinguishable?

If No: How many steps can be distinguished? of the given 5 steps: ..... Steps

**Test of 16 visual equidistant L\*-grey steps according to picture A3Wdd** Yes/No  
 Are the 16 steps on the upper rows distinguishable?

If No: How many steps can be distinguished? of the given 16 steps: .... Steps

part 1

AN830-3, dd: 00301

**Test for the visual linearized output of pictures D1Wdd to D3Wdd**  
**Output test with the computer display ( ) or the external display ( )** please mark by (x)!

**Test of the (flower) image according to picture D1Wdd** Yes/No  
 Are clear (immediately conspicuous) differences recognized between reproduction and test chart?

Subjective remarks about the colour reproduction of the (flower) image, the CIE-test colours and the 16 grey steps within the image, for example "less contrast":

**Test of the resolution of radial gratings W-R<sub>g</sub> W-G<sub>g</sub> W-B<sub>g</sub> according to picture D2Wdd**

	W-R <sub>g</sub>	W-G <sub>g</sub>	W-B <sub>g</sub>	W-N	W-Z
Is the resolution diameter < 6 mm?	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
Test with magnifying glass (6x), Resolution diameter:	..... mm	..... mm	..... mm	..... mm	..... mm

**Test of the 14 CIE-test colours according to picture D3Wdd** Yes/No  
 Are clear (immediately conspicuous) differences recognized between reproduction and test chart?

If Yes: How many colours have clear differences? of the given 14 steps: .... Steps

**Test of 16 visual equidistant L\*-grey steps according to picture D3Wdd** Yes/No  
 Are the 16 steps on the upper rows distinguishable?

If No: How many steps can be distinguished? of the given 16 steps: .... Steps

part 1

AN830-7, dd: 00301

TUB test chart AN83; Questions for display output  
 Eight contrast steps, and illuminances 500 lux of displays

**Test for the visual linearized output of pictures B1Wdd to B3Wdd**  
**Output test with the computer display ( ) or the external display ( )** please mark by (x)!

**Test of the (flower) image according to picture B1Wdd** Yes/No  
 Are clear (immediately conspicuous) differences recognized between reproduction and test chart?

Subjective remarks about the colour reproduction of the (flower) image, the CIE-test colours and the 16 grey steps within the image, for example "less contrast":

**Test of the resolution of radial gratings W-C<sub>g</sub> W-M<sub>g</sub> W-Y<sub>g</sub> according to picture B2Wdd**

	W-C <sub>g</sub>	W-M <sub>g</sub>	W-Y <sub>g</sub>	W-N	W-Z
Is the resolution diameter < 6 mm?	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
Test with magnifying glass (6x), Resolution diameter:	..... mm	..... mm	..... mm	..... mm	..... mm

**Test of the 14 CIE-test colours according to picture B3Wdd** Yes/No  
 Are clear (immediately conspicuous) differences recognized between reproduction and test chart?

If Yes: How many colours have clear differences? of the given 14 steps: .... Steps

**Test of 16 visual equidistant L\*-grey steps according to picture B3Wdd** Yes/No  
 Are the 16 steps on the upper rows distinguishable?

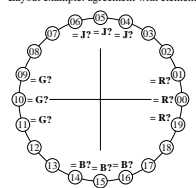
If No: How many steps can be distinguished? of the given 16 steps: .... Steps

part 1

AN831-3, dd: 00301

**Agreement with elementary hues (Yes/No decision)**

Layout example: agreement with elementary hues



There are four elementary hues on each page: Red R, Yellow J (=french jaune), Green G, and Blue B.

Input data 1 0 0 should produce Red R.  
 Input data 0 1 0 should produce Green G.  
 Input data 0 0 1 should produce Blue B.  
 Input data 1 1 0 should produce Yellow J.

The elementary hues Red R and Green G should locate on the horizontal axis.

The elementary hues Yellow J and Blue B should locate on the vertical axis.

This test uses a hue circle with 20 hues.

No. 00 and 10 should be Red R and Green G.  
 No. 05 and 15 should be Yellow J and Blue B.

**Are no. 00, 05, 10, and 15 the four elementary hues R, J, G and B? underline: Yes/No**

**Only in case of "No":**

Elementary Red R is hue step no. (e.g. 00, 01, 19) ..... (neither yellowish nor blueish)  
 Elementary Yellow J is hue step no. (e.g. 05, 04, 06) ..... (neither reddish nor greenish)  
 Elementary Green G is hue step no. (e.g. 10, 09, 11) ..... (neither yellowish nor blueish)  
 Elementary Blue B is hue step no. (e.g. 15, 14, 16) ..... (neither reddish nor greenish)  
 Result: Of the 4 elementary hues (e.g. three) ..... are at the intended location

part 1

AN831-7N-030-1

input: w/rgb/cmyk -> rgb\_  
 output: no change compared

se licensende filer: http://farbe.li.tu-berlin.de/AN83/AN83.HTM  
 teknisk informasjon: http://farbe.li.tu-berlin.de/ or http://130.149.60.45/~farbemerik/

TUB registering: 20181001-AN83/AN83L0N1.TXT /PS  
 application for measurement of display output

TUB-materiell-code=th4ta