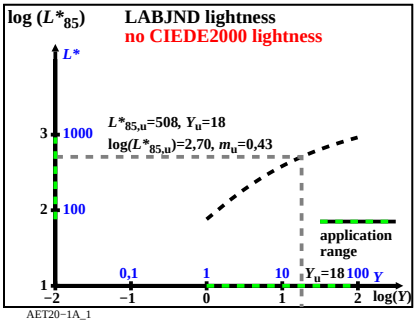
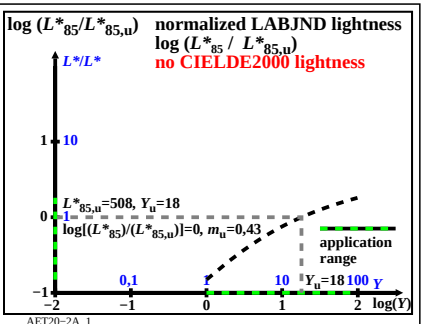
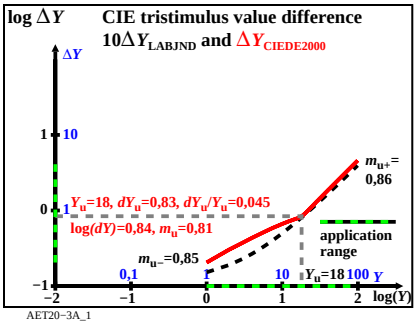
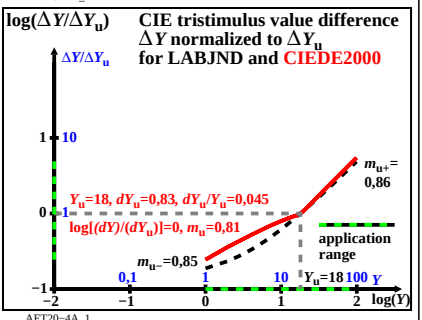
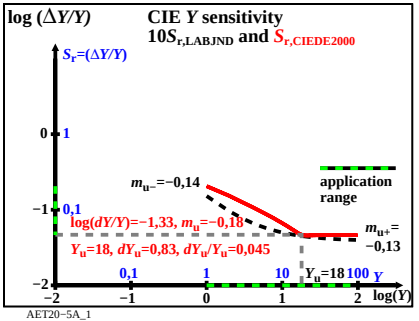
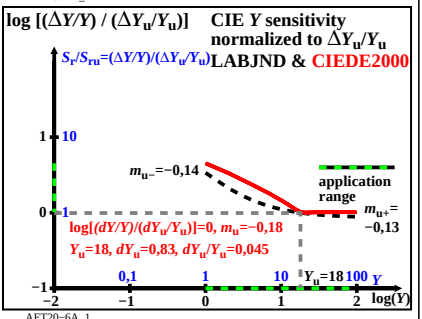

log (L*85)
LABJND lightness
no CIEDE2000 lightness
L*
L*85,u=508, Yu=18
log(L*85,u)=2,70, mu=0,43
application range
Yu=18
Y
log(Y)
AET20−1A_1

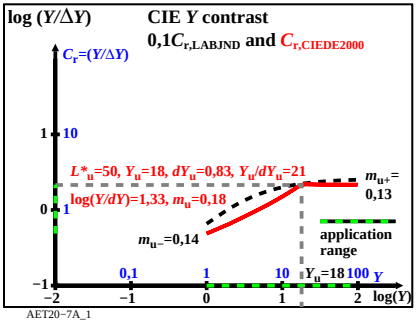

log (L*85/L*85,u)
normalized LABJND lightness
log (L*85 / L*85,u)
no CIELDE2000 lightness
L*/L*
L*85,u=508, Yu=18
log[(L*85)/(L*85,u)]=0, mu=0,43
application range
Yu=18
Y
log(Y)
AET20−2A_1

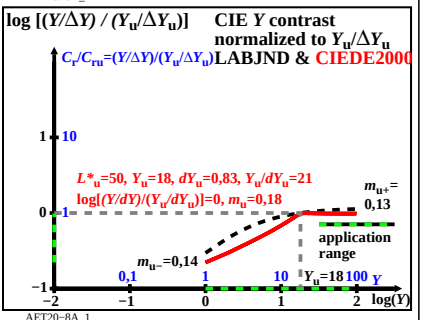

log ΔY
CIE tristimulus value difference
10ΔYLABJND and ΔYCIEDE2000
ΔY
Yu=18, dYu=0,83, dYu/Yu=0,045
log(dY)=0,84, mu=0,81
mu+= 0,86
mu−=0,85
application range
Yu=18
Y
log(Y)
AET20−3A_1


log(ΔY/ΔYu)
CIE tristimulus value difference
ΔY normalized to ΔYu
for LABJND and CIEDE2000
ΔY/ΔYu
Yu=18, dYu=0,83, dYu/Yu=0,045
log[(dY)/(dYu)]=0, mu=0,81
mu+= 0,86
mu−=0,85
application range
Yu=18
Y
log(Y)
AET20−4A_1


log (ΔY/Y)
CIE Y sensitivity
10Sr,LABJND and Sr,CIEDE2000
Sr=(ΔY/Y)
mu−=−0,14
log(dY/Y)=−1,33, mu=−0,18
mu+= −0,13
Yu=18, dYu=0,83, dYu/Yu=0,045
application range
Yu=18
Y
log(Y)
AET20−5A_1


log [(ΔY/Y) / (ΔYu/Yu)]
CIE Y sensitivity
normalized to ΔYu/Yu
Sr/Sru=(ΔY/Y)/(ΔYu/Yu)
LABJND & CIEDE2000
mu−=−0,14
log[(dY/Y)/(dYu/Yu)]=0, mu=−0,18
Yu=18, dYu=0,83, dYu/Yu=0,045
mu+= −0,13
application range
Yu=18
Y
log(Y)
AET20−6A_1


log (Y/ΔY)
CIE Y contrast
0,1Cr,LABJND and Cr,CIEDE2000
Cr=(Y/ΔY)
L*u=50, Yu=18, dYu=0,83, Yu/dYu=21
log(Y/dY)=1,33, mu=0,18
mu+= 0,13
mu−=0,14
application range
Yu=18
Y
log(Y)
AET20−7A_1


log [(Y/ΔY) / (Yu/ΔYu)]
CIE Y contrast
normalized to Yu/ΔYu
Cr/Cru=(Y/ΔY)/(Yu/ΔYu)
LABJND & CIEDE2000
L*u=50, Yu=18, dYu=0,83, Yu/dYu=21
log[(Y/dY)/(Yu/dYu)]=0, mu=0,18
mu+= 0,13
mu−=0,14
application range
Yu=18
Y
log(Y)
AET20−8A_1