lin[Empfindlichkeit]
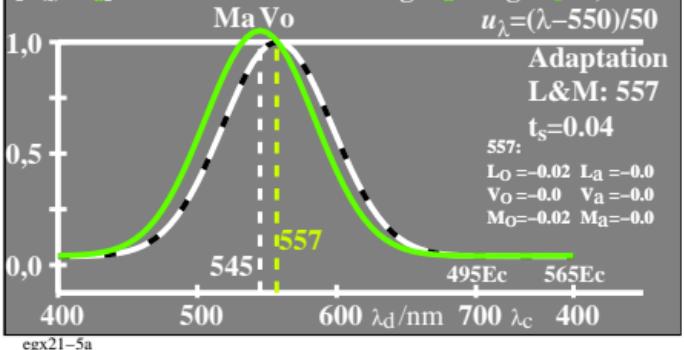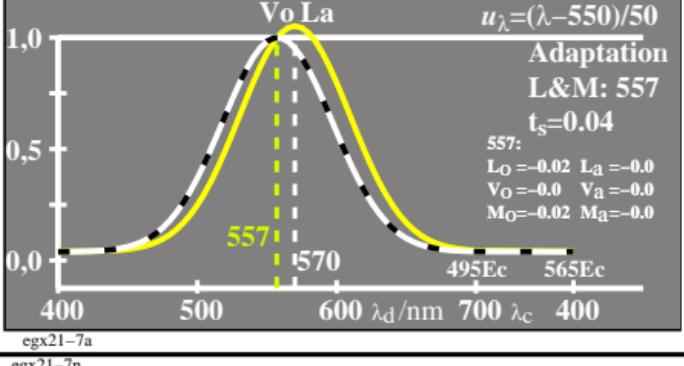
$\log V_O = -0.35[u_\lambda - u_{557}]^2$
$\log V_a = \log V_O + 0.00$
$[V_a, M_a]$

$\log L_O = -0.35[u_\lambda - u_{570}]^2$
$\log M_O = -0.35[u_\lambda - u_{545}]^2$
$\log L_a = \log L_O + 0.02$
$\log M_a = \log M_O + 0.02$
$u_\lambda = (\lambda - 550)/50$

Ma Vo

Adaptation
L&M: 557
$t_s = 0.04$

557:
$L_O = -0.02$ $L_a = -0.0$
$V_O = -0.0$ $V_a = -0.0$
$M_O = -0.02$ $M_a = -0.0$

1,0
0,5
0,0

545 557

495Ec 565Ec

400 500 600 700 λ_d/nm λ_c 400

egx21−5a

lin[Sättigung]

$\log V_O = -0.35[u_\lambda - u_{557}]^2$
$\log V_a = \log V_O + 0.00$
$[V_a/V_O, M_a/V_O]$

$\log L_O = -0.35[u_\lambda - u_{570}]^2$
$\log M_O = -0.35[u_\lambda - u_{545}]^2$
$\log L_a = \log L_O + 0.02$
$\log M_a = \log M_O + 0.02$

Ma Vo   Sättigung V

Adaptation
L&M: 557
$t_s = 0.04$

2
0
−2

545 557

495Ec 565Ec

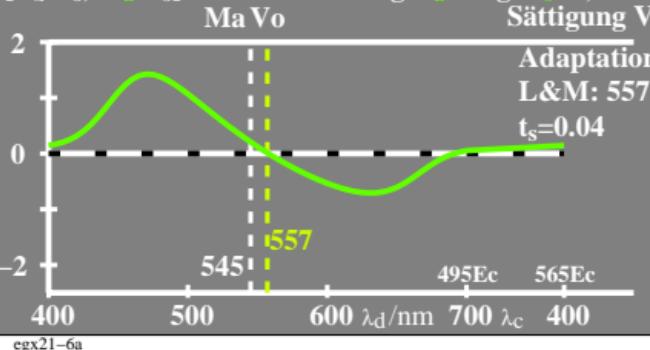400 500 600 700 λ_d/nm λ_c 400

egx21−6a

lin[Empfindlichkeit]

$\log V_O = -0.35[u_\lambda - u_{557}]^2$
$\log V_a = \log V_O + 0.00$
$[V_a, L_a,]$
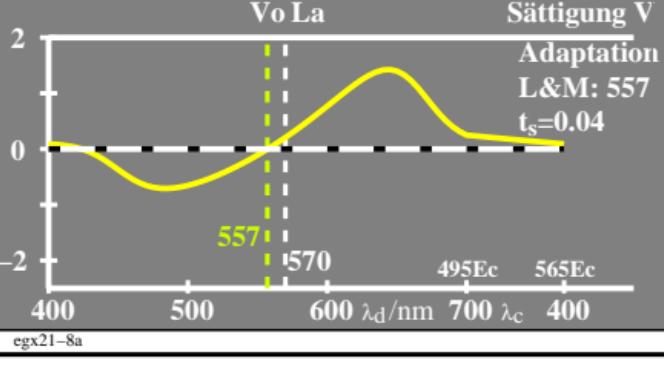
$\log L_O = -0.35[u_\lambda - u_{570}]^2$
$\log M_O = -0.35[u_\lambda - u_{545}]^2$
$\log L_a = \log L_O + 0.02$
$\log M_a = \log M_O + 0.02$
$u_\lambda = (\lambda - 550)/50$

Vo La

Adaptation
L&M: 557
$t_s = 0.04$

557:
$L_O = -0.02$ $L_a = -0.0$
$V_O = -0.0$ $V_a = -0.0$
$M_O = -0.02$ $M_a = -0.0$

1,0
0,5
0,0

557 570

495Ec 565Ec

400 500 600 700 λ_d/nm λ_c 400

egx21−7a

lin[Sättigung]

$\log V_O = -0.35[u_\lambda - u_{557}]^2$
$\log V_a = \log V_O + 0.00$
$[V_a/V_O, L_a/V_O,]$

$\log L_O = -0.35[u_\lambda - u_{570}]^2$
$\log M_O = -0.35[u_\lambda - u_{545}]^2$
$\log L_a = \log L_O + 0.02$
$\log M_a = \log M_O + 0.02$

Vo La   Sättigung V

Adaptation
L&M: 557
$t_s = 0.04$

2
0
−2

557 570

495Ec 565Ec

400 500 600 700 λ_d/nm λ_c 400

egx21−8a

egx21−7n