

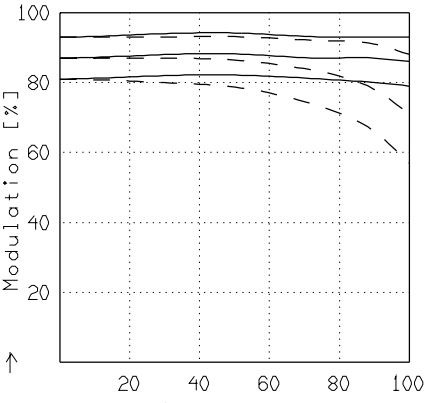
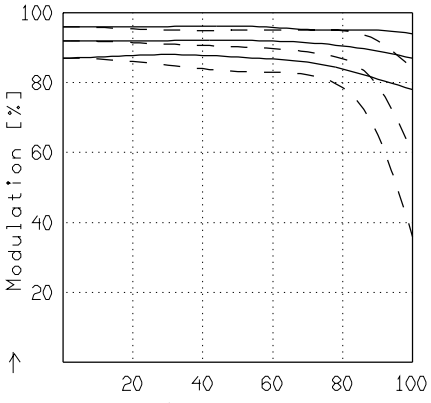
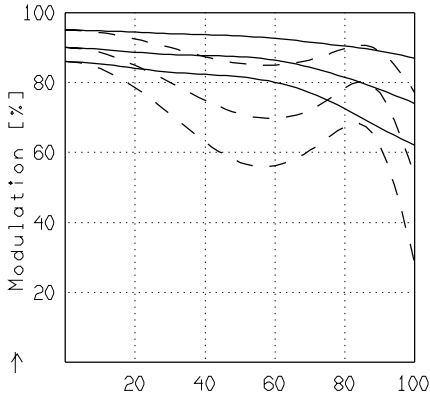
XENOPLAN 1.4/17MM

MODULATION with reference to the relative image height



|                      |           |      |      |      |      |      |     |
|----------------------|-----------|------|------|------|------|------|-----|
| Wavelength $\lambda$ | [nm]      | 555  | 655  | 605  | 505  | 455  | 405 |
| Spectral weighting   | [%]       | 19.6 | 23.7 | 22.2 | 15.7 | 12.1 | 6.7 |
| Spatial frequency R  | [1/mm]    | 10   | 20   | 30   |      |      |     |
| Format               | [mm X mm] | 6.6  | X    | 8.8  |      |      |     |
| Diagonal $2u'$       | [mm]      | 11.0 |      |      |      |      |     |

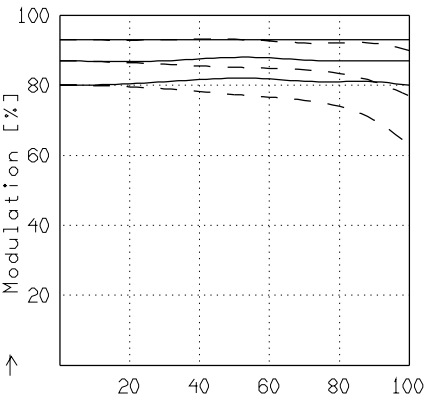
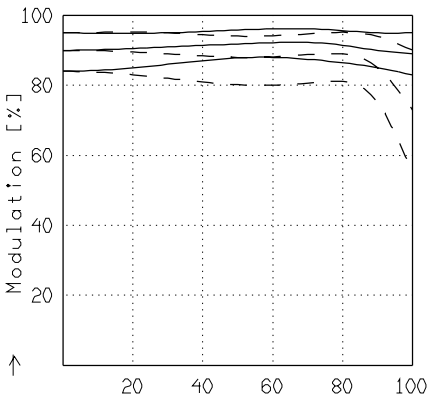
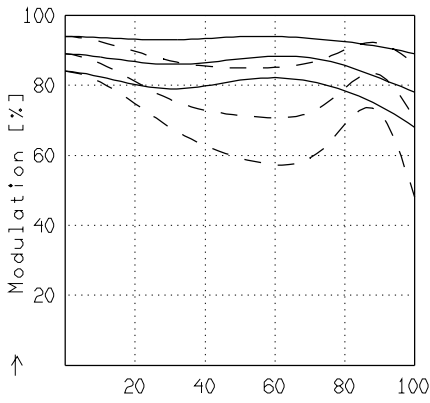
radial —  
tangential - -



→  $u'/u'_{max} * 100$  [%]  $u'_{max} = 5.6$   
 $f' = 17.6$   $f/1.5$   $1/\beta' = -50.00$   $00' = 911.$

→  $u'/u'_{max} * 100$  [%]  $u'_{max} = 5.6$   
 $f' = 17.6$   $f/4.0$   $1/\beta' = -50.00$   $00' = 911.$

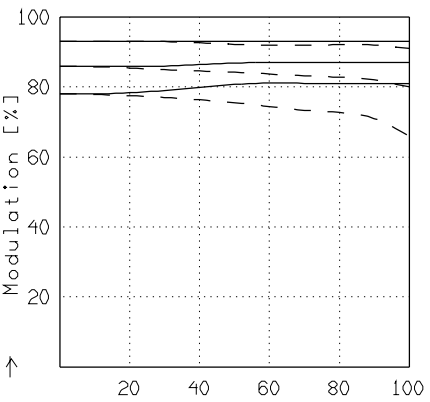
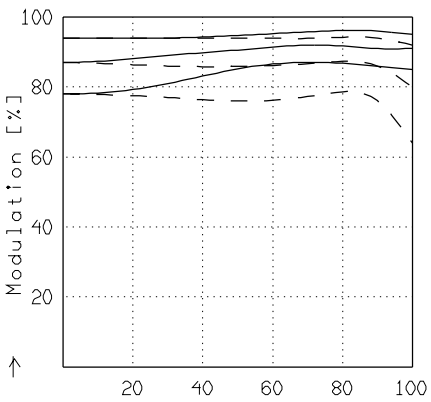
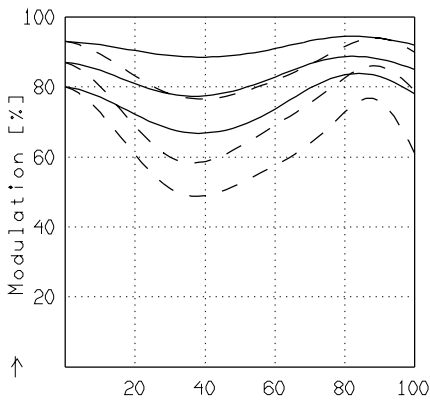
→  $u'/u'_{max} * 100$  [%]  $u'_{max} = 5.6$   
 $f' = 17.6$   $f/8.0$   $1/\beta' = -50.00$   $00' = 911.$



→  $u'/u'_{max} * 100$  [%]  $u'_{max} = 5.6$   
 $f' = 17.6$   $f/1.5$   $1/\beta' = -20.00$   $00' = 385.$

→  $u'/u'_{max} * 100$  [%]  $u'_{max} = 5.6$   
 $f' = 17.6$   $f/4.0$   $1/\beta' = -20.00$   $00' = 385.$

→  $u'/u'_{max} * 100$  [%]  $u'_{max} = 5.6$   
 $f' = 17.6$   $f/8.0$   $1/\beta' = -20.00$   $00' = 385.$



→  $u'/u'_{max} * 100$  [%]  $u'_{max} = 5.7$   
 $f' = 17.6$   $f/1.5$   $1/\beta' = -10.00$   $00' = 210.$

→  $u'/u'_{max} * 100$  [%]  $u'_{max} = 5.7$   
 $f' = 17.6$   $f/4.0$   $1/\beta' = -10.00$   $00' = 210.$

→  $u'/u'_{max} * 100$  [%]  $u'_{max} = 5.7$   
 $f' = 17.6$   $f/8.0$   $1/\beta' = -10.00$   $00' = 210.$

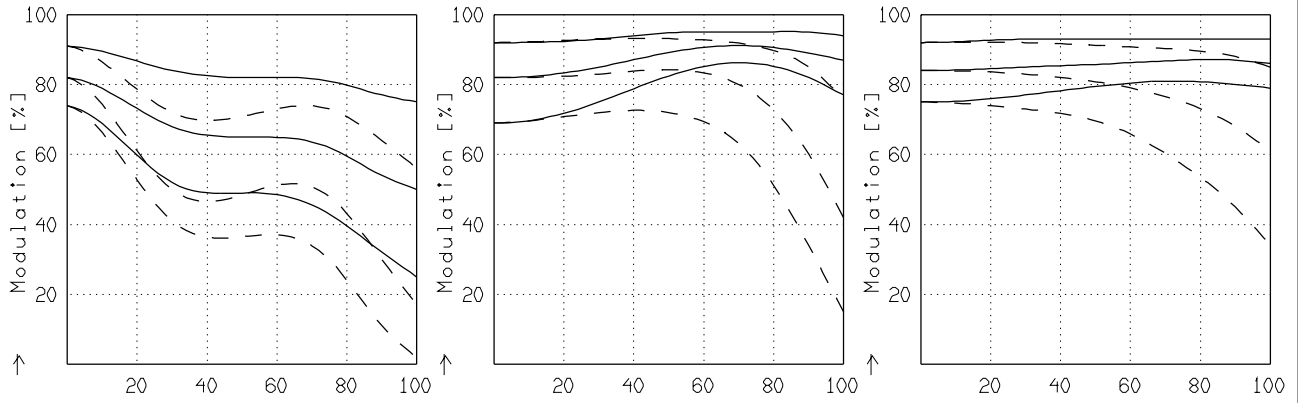
Focusing :  $MTF_{max}$  at  $f / 1.4$  ,  $R = 30$  1/mm,  $u'/u'_{max} = 0$

# XENOPLAN 1.4/17MM

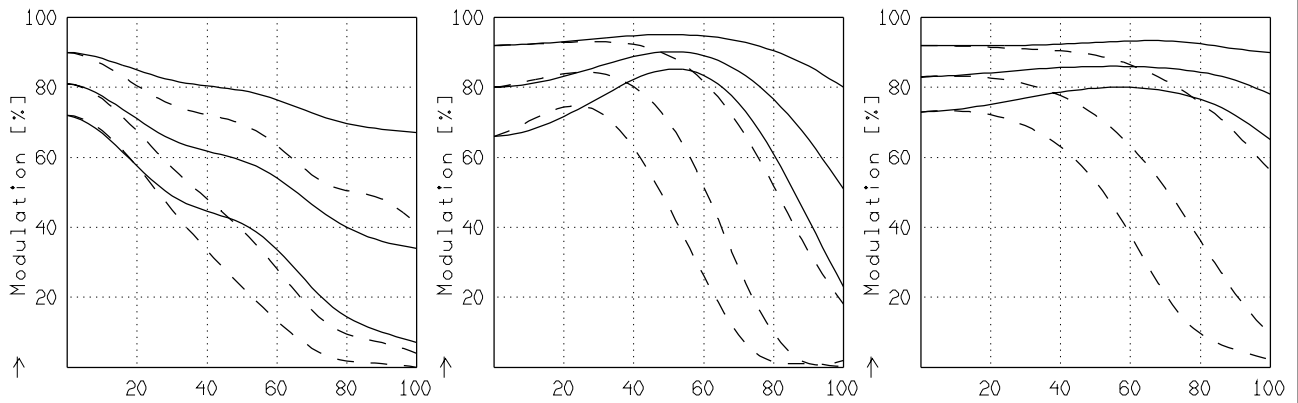
MODULATION with reference to the relative image height

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|----------------------|-----------|------|------|------|------|------|-----|
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| Diagonal $2u'$       | [mm]      | 11.0 |      |      |      |      |     |

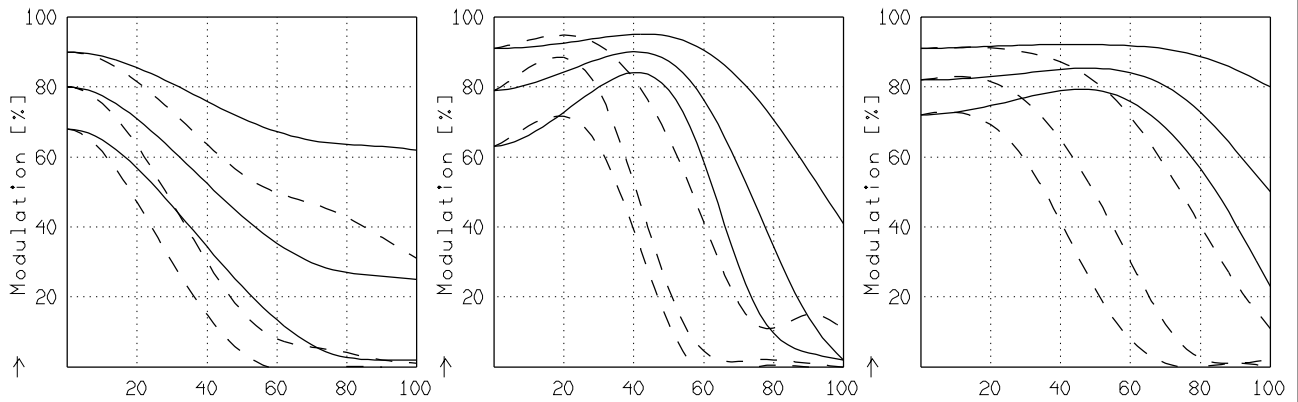
radial —  
tangential - -



$\rightarrow u'/u'_{max} * 100$  [%]  $u'_{max} = 5.7$   $\rightarrow u'/u'_{max} * 100$  [%]  $u'_{max} = 5.7$   $\rightarrow u'/u'_{max} * 100$  [%]  $u'_{max} = 5.7$   
 $f' = 17.6$   $f/1.5$   $1/\beta' = -5.00$   $00' = 124.$   $f' = 17.6$   $f/4.0$   $1/\beta' = -5.00$   $00' = 124.$   $f' = 17.6$   $f/8.0$   $1/\beta' = -5.00$   $00' = 124.$



$\rightarrow u'/u'_{max} * 100$  [%]  $u'_{max} = 5.8$   $\rightarrow u'/u'_{max} * 100$  [%]  $u'_{max} = 5.8$   $\rightarrow u'/u'_{max} * 100$  [%]  $u'_{max} = 5.8$   
 $f' = 17.6$   $f/1.5$   $1/\beta' = -3.00$   $00' = 91.$   $f' = 17.6$   $f/4.0$   $1/\beta' = -3.00$   $00' = 91.$   $f' = 17.6$   $f/8.0$   $1/\beta' = -3.00$   $00' = 91.$



$\rightarrow u'/u'_{max} * 100$  [%]  $u'_{max} = 5.8$   $\rightarrow u'/u'_{max} * 100$  [%]  $u'_{max} = 5.8$   $\rightarrow u'/u'_{max} * 100$  [%]  $u'_{max} = 5.8$   
 $f' = 17.6$   $f/1.5$   $1/\beta' = -2.00$   $00' = 76.$   $f' = 17.6$   $f/4.0$   $1/\beta' = -2.00$   $00' = 76.$   $f' = 17.6$   $f/8.0$   $1/\beta' = -2.00$   $00' = 76.$

Focusing :  $MTF_{max}$  at  $f / 1.4$  ,  $R = 30$  1/mm,  $u'/u'_{max} = 0$