

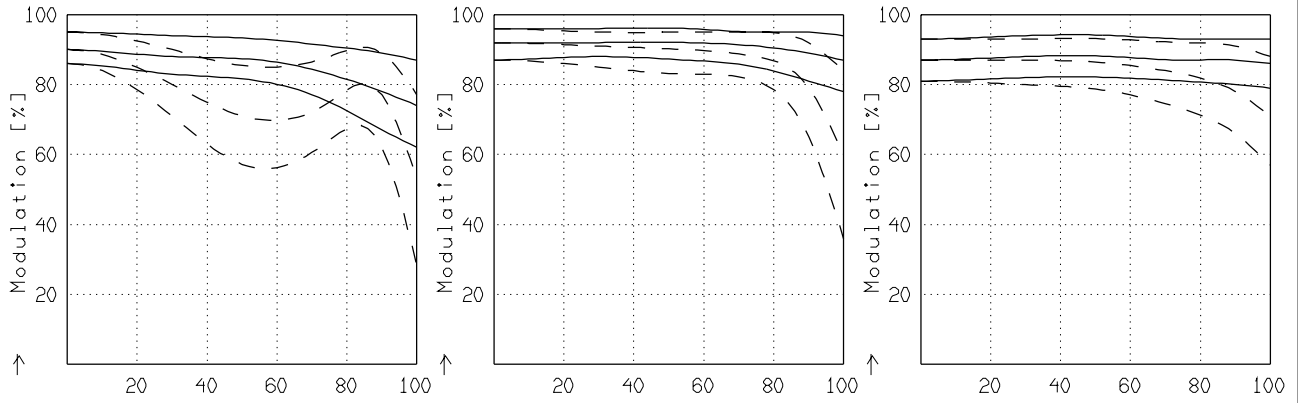
XENOPLAN 1.4/17MM

MODULATION als Funktion der relativen Bildgröße

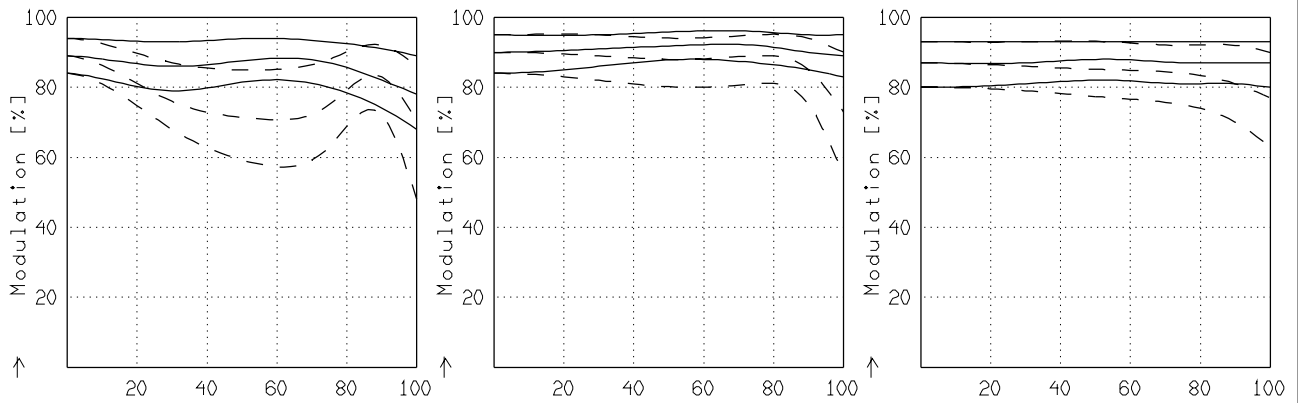


Wellenlänge λ	[nm]	555	655	605	505	455	405
Spektrale Gewichtung	[%]	19.6	23.7	22.2	15.7	12.1	6.7
Ortsfrequenz R	[1/mm]	10	20	30			
Format	[mm X mm]	6.6	X	8.8			
Diagonale $2u'$	[mm]	11.0					

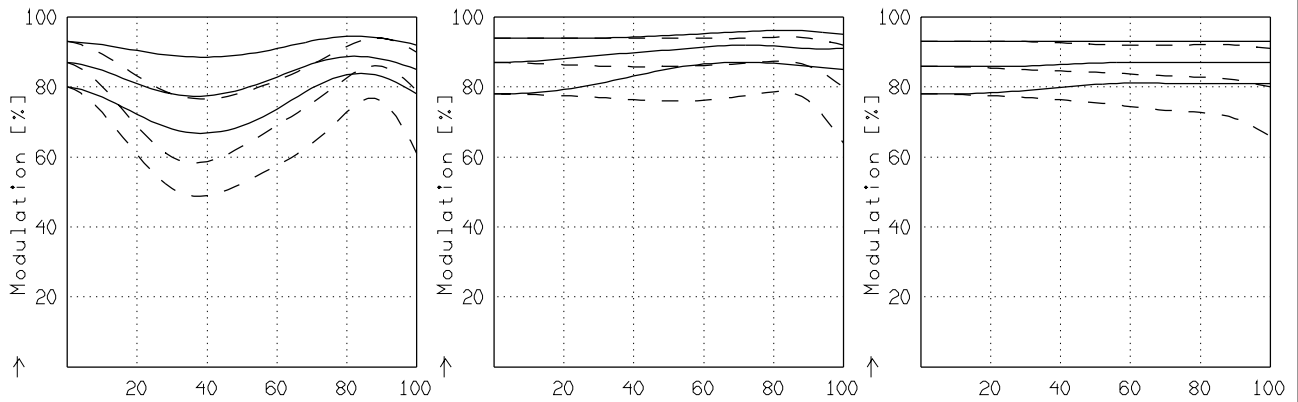
radial —
tangential - -



$\rightarrow u'/u'_{max} * 100$ [%] $u'_{max} = 5.6$ $\rightarrow u'/u'_{max} * 100$ [%] $u'_{max} = 5.6$ $\rightarrow u'/u'_{max} * 100$ [%] $u'_{max} = 5.6$
 $f' = 17.6$ $k = 1.5$ $1/\beta' = -50.00$ $00' = 911.$ $f' = 17.6$ $k = 4.0$ $1/\beta' = -50.00$ $00' = 911.$ $f' = 17.6$ $k = 8.0$ $1/\beta' = -50.00$ $00' = 911.$



$\rightarrow u'/u'_{max} * 100$ [%] $u'_{max} = 5.6$ $\rightarrow u'/u'_{max} * 100$ [%] $u'_{max} = 5.6$ $\rightarrow u'/u'_{max} * 100$ [%] $u'_{max} = 5.6$
 $f' = 17.6$ $k = 1.5$ $1/\beta' = -20.00$ $00' = 385.$ $f' = 17.6$ $k = 4.0$ $1/\beta' = -20.00$ $00' = 385.$ $f' = 17.6$ $k = 8.0$ $1/\beta' = -20.00$ $00' = 385.$



$\rightarrow u'/u'_{max} * 100$ [%] $u'_{max} = 5.7$ $\rightarrow u'/u'_{max} * 100$ [%] $u'_{max} = 5.7$ $\rightarrow u'/u'_{max} * 100$ [%] $u'_{max} = 5.7$
 $f' = 17.6$ $k = 1.5$ $1/\beta' = -10.00$ $00' = 210.$ $f' = 17.6$ $k = 4.0$ $1/\beta' = -10.00$ $00' = 210.$ $f' = 17.6$ $k = 8.0$ $1/\beta' = -10.00$ $00' = 210.$

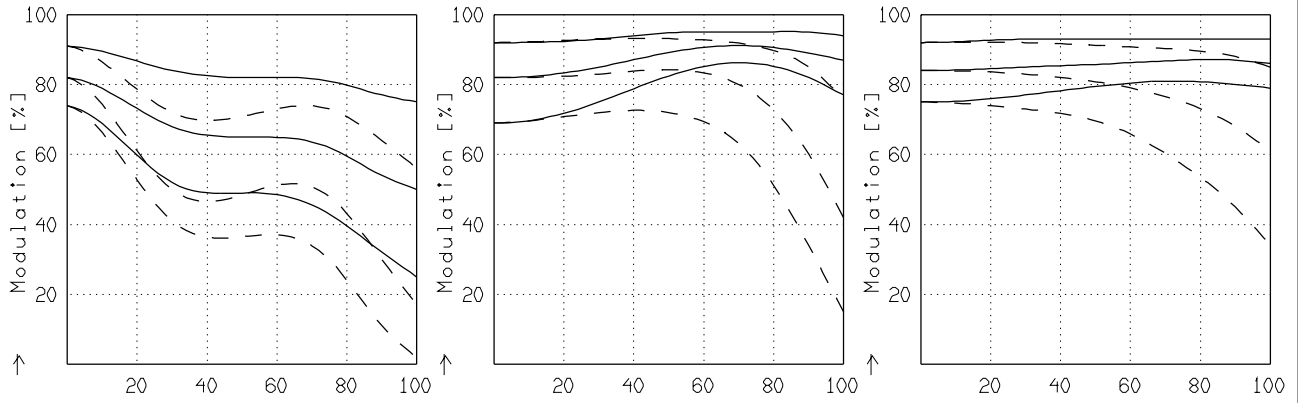
Fokussierung MTF_{max} bei $k = 1.4$, $R = 30$ 1/mm. $u'/u'_{max} = 0$

XENOPLAN 1.4/17MM

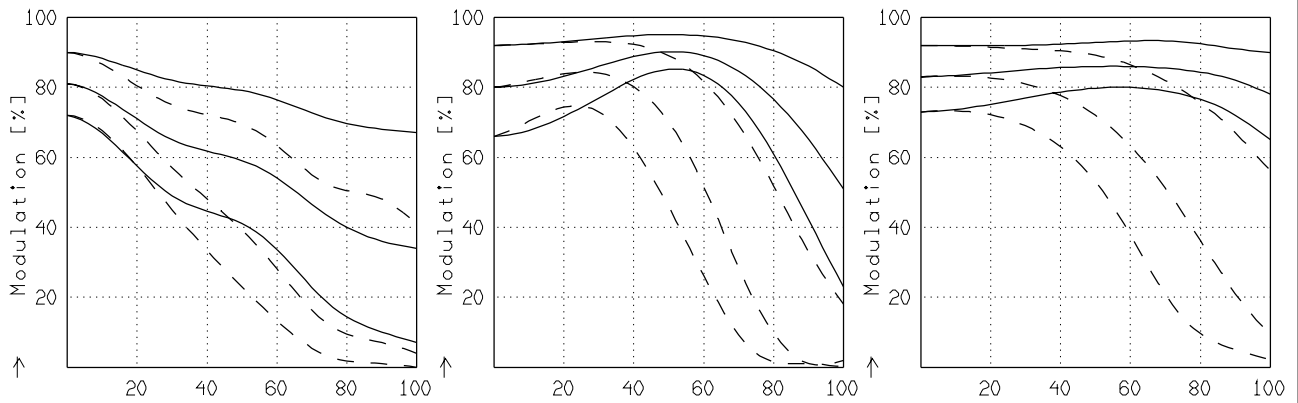
MODULATION als Funktion der relativen Bildgröße

Wellenlänge λ [nm] :	555	655	605	505	455	405
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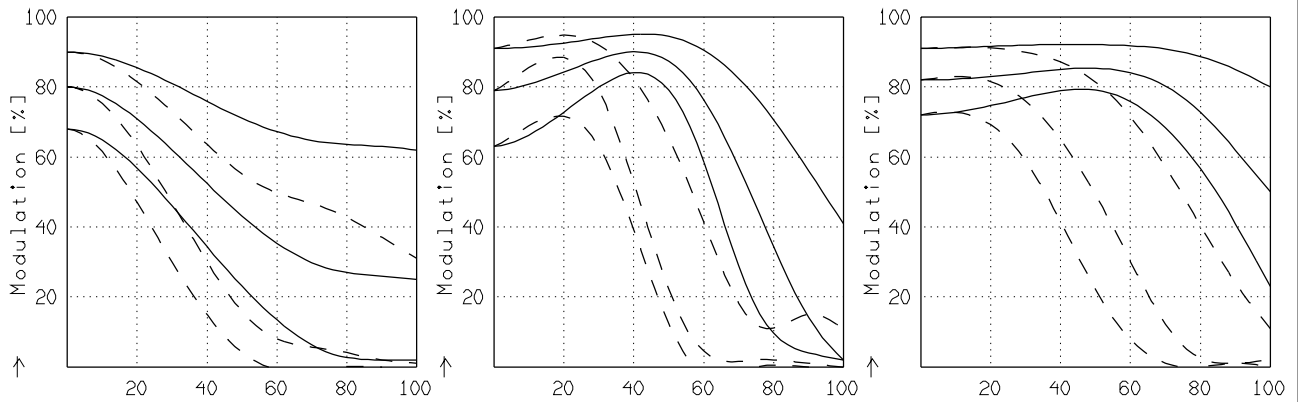
radial —
tangential - -



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



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



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

Fokussierung MTF_{max} bei $k = 1.4$, $R = 30$ 1/mm. $u'/u'_{max} = 0$

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