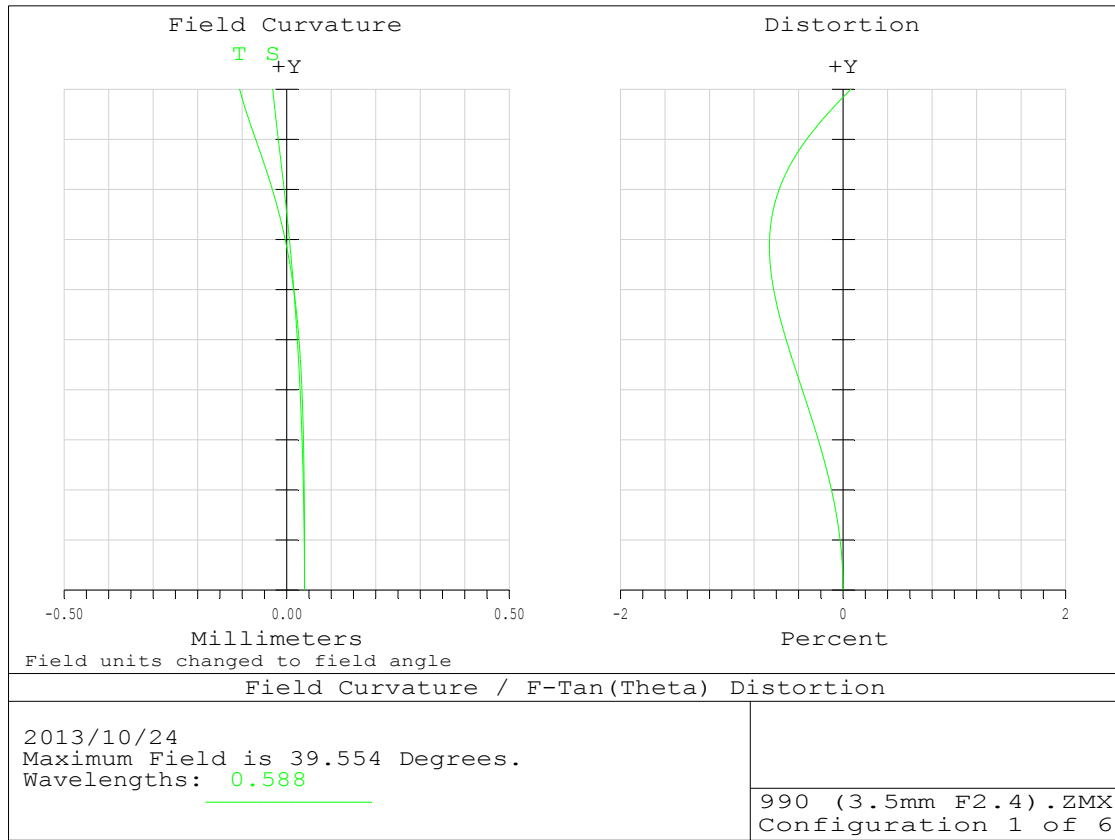


SPECIFICATION		LM3NCM
1. USE		FOR 1/1.8"
2. FOCAL LENGTH		3.5mm
3. MAX. DIA. RATIO		F2.4
4. IRIS RANGE		F2.4~14
5. IMAGE SIZE		φ8
6. MECHANICAL BACK FOCAL LENGTH		9.026mm
7. FLANGE FOCAL LENGTH		17.526mm
8. FOCUS RANGE		100mm ~ ∞
9. FIELD ANGLE	1/1.8"	89° x 73.8°
	1/2"	82.4° x 66.9°
	1/3"	66.9° x 52.7°
11. CLEAR APERTURE FRONT		φ28.5
12. CLEAR APERTURE REART		φ10
13. EXIT PUPIL POSITION		67.7mm
14. MOUNT		C-MOUNT
15. FILTER SCREW SIZE		M40.5×0.5
16. DISTORTION (TV)		0.46%(1/2") -0.15%(1/3")
17. WEIGHT		85g

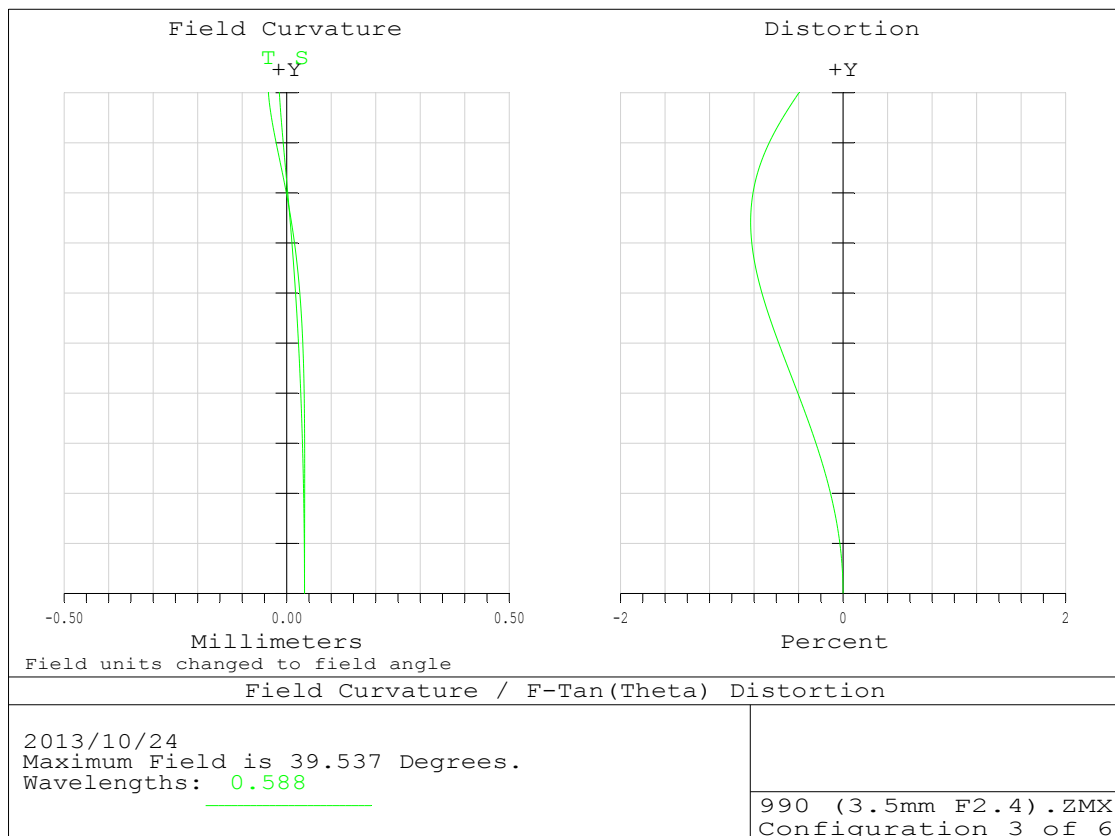


LM3NCM Distortion Data

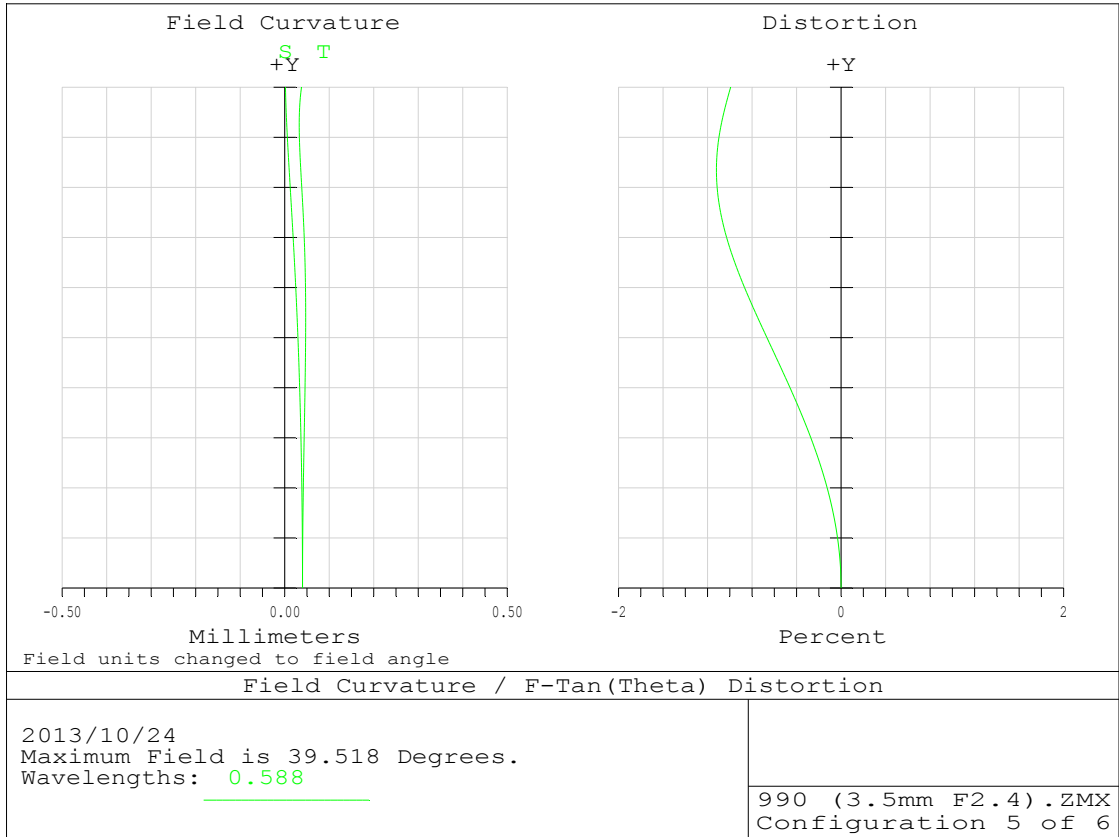
Object Distance : Infinity



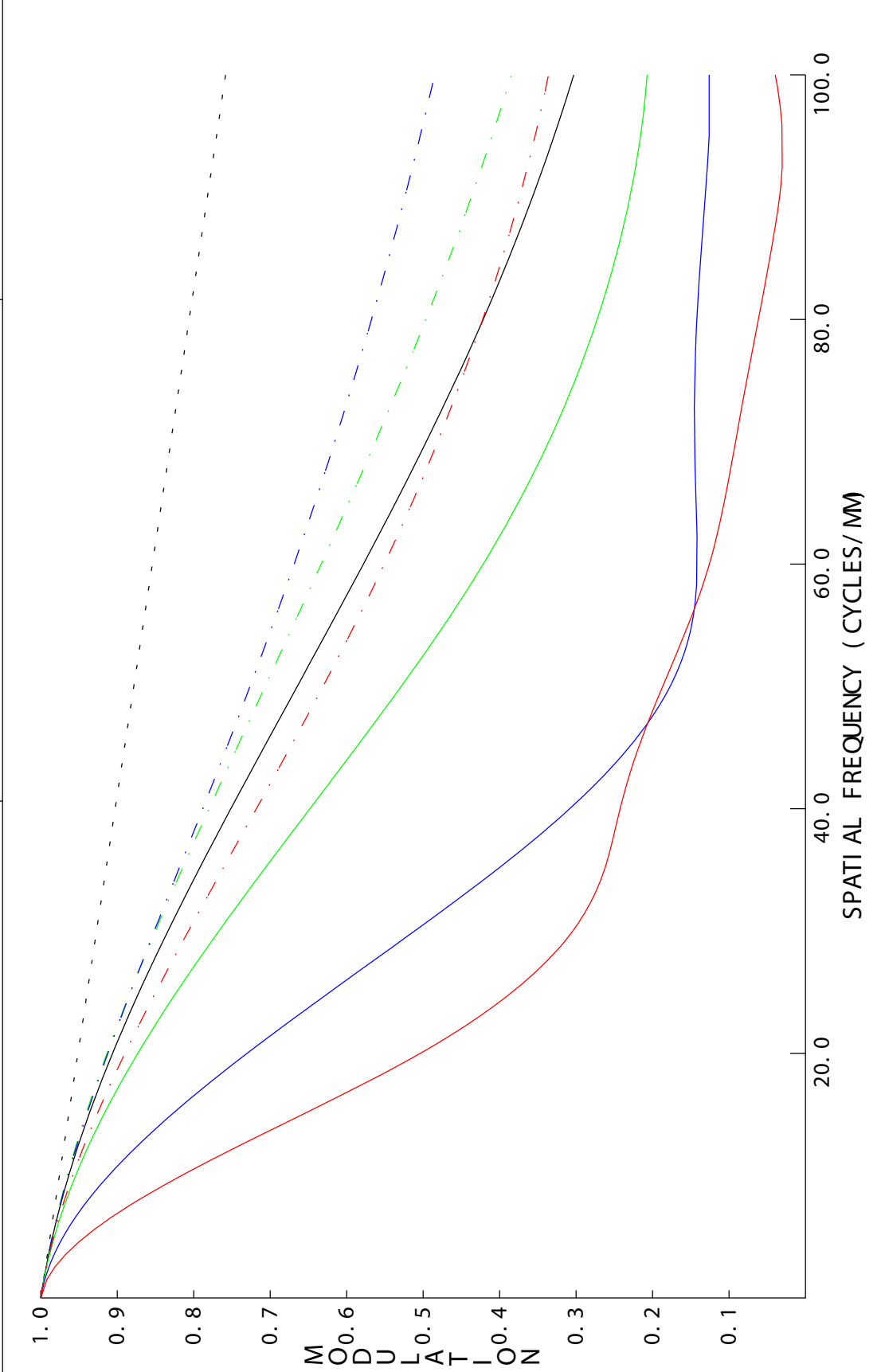
Object Distance: 250mm



Object Distance: 100mm



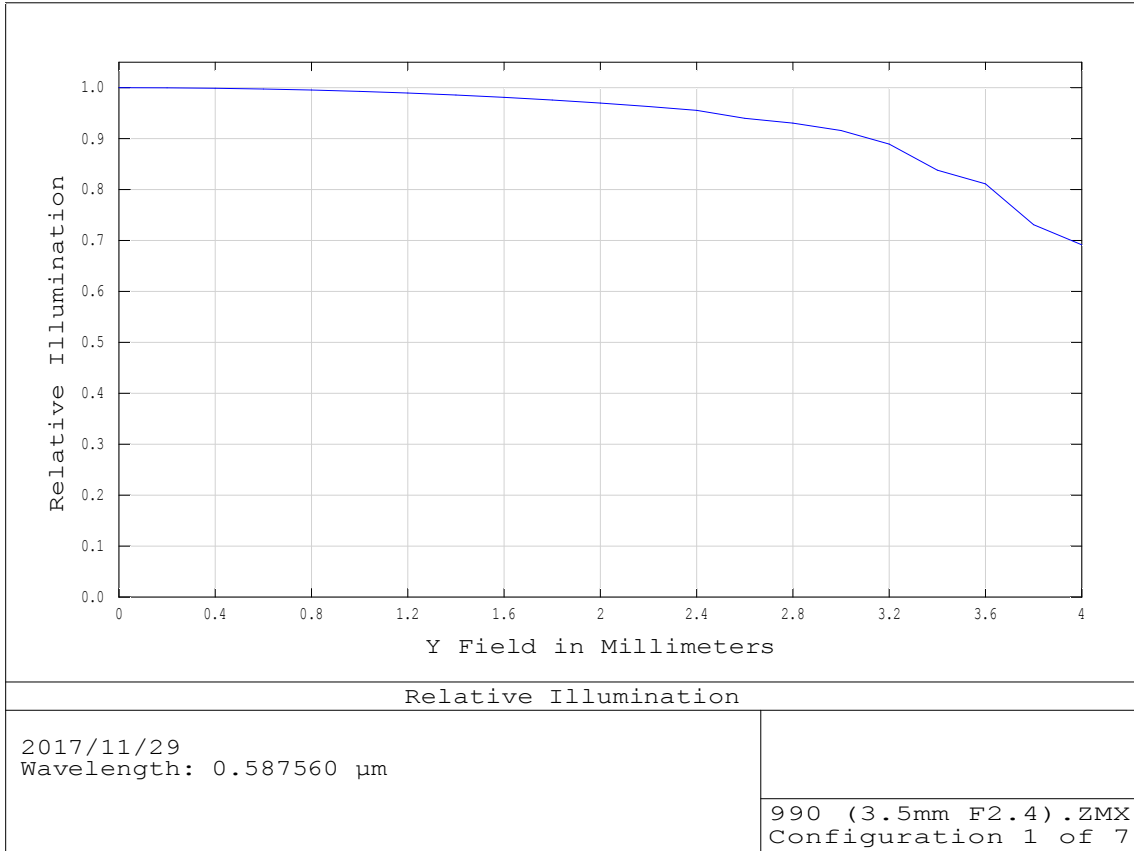
LM3NCM		DIFFRACTION LIMIT		WAVELENGTH	WEIGHT
DIFFRACTION MTF		AXIS		900.0 NM	1
		T R	0.3 FIELD (15.28°)	800.0 NM	1
		T R	0.7 FIELD (28.66°)	700.0 NM	1
		T R	1.0 FIELD (39.35°)		





LM3NCM

Relative illumination F2.4





LM3NCM Transmission

