

0638
DKD-K-
05202
99-07

Seite
Page 2

CAMERA TYPE: RMK TOP 30
LENS TYPE: TOPAR A3
MAX. APERTURE: F/5.6

SERIAL NO. 144170
SERIAL NO. 144184
NOM. FOCAL LENGTH: 305 MM

1) CALIBRATED FOCAL LENGTH = 305.862 MM

2) DISTORTION /0.001 MM, REFERRING TO P.P. OF SYMMETRY PPS

S/MM	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150
5	0	-1	0	1	1	1	3	2	2	2	0	0	-3	-2	-2	2
6	0	0	-1	-1	-2	-1	-1	1	0	2	-1	-1	-1	-3	-2	4
7	0	1	-1	0	2	1	1	2	2	2	2	-1	-1	-1	-2	2
8	0	0	-2	-1	0	2	2	3	3	1	0	0	-2	-3	-2	3
AV.	0	0	-1	0	0	1	1	2	2	2	0	0	-2	-2	-2	2

3) P.P. OF AUTOCOLLIMATION AND FIDUCIAL CENTRE, REFERRING TO PPS

P.P. OF AUTOCOLLIMATION PPA	X=	.000	Y=	.000	MM
FIDUCIAL CENTRE FC	X=	.004	Y=	.009	MM
CORNER FIDUCIAL CENTRE FCC	X=	-.002	Y=	.013	MM

4) FIDUCIAL MARKS, REFERRING TO PPS

X1= 112.997	X2=-112.994	X3= -.003	X4= .005	MM
Y1= .005	Y2= .012	Y3= 113.009	Y4=-112.980	MM
DISTANCES 1-2= 225.991		3-4= 225.989		MM
X5= 112.995	X6=-112.997	X7=-113.002	X8= 112.999	MM
Y5= 113.005	Y6=-112.977	Y7= 113.013	Y8=-112.987	MM

5) PHOTOGRAPHIC RESOLVING POWER, IN CYCLES PER MM
(AS PER DEFINITION, R. P. IS NOT A CALIBRATED DATUM)
AREA WEIGHTED AVERAGE RESOLUTION 93

FIELD ANGLE /DEG = 0 7 14 24

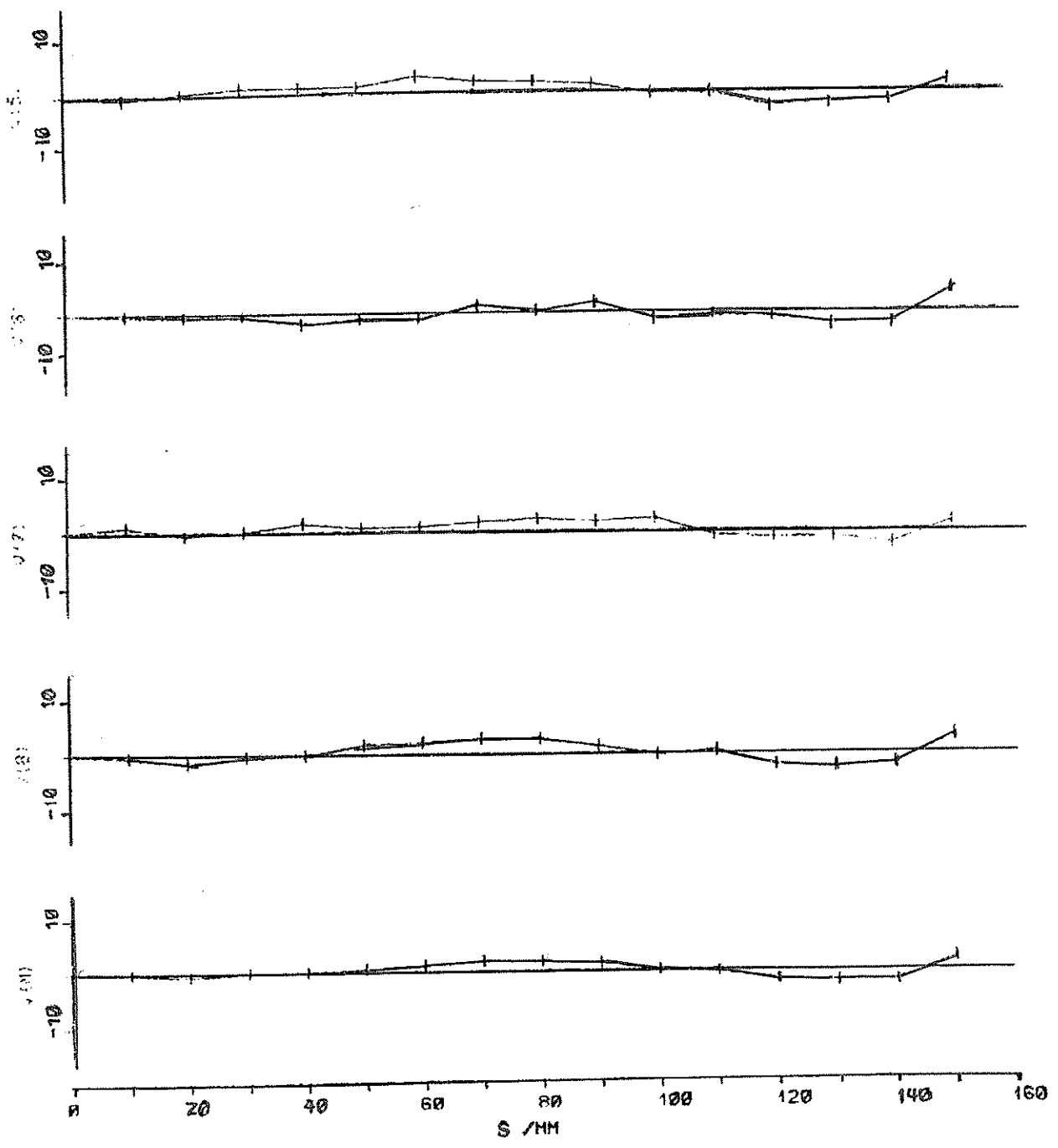
RADIAL LINES	130	102	100	75
TANGENTIAL LINES	130	114	97	77

FILM: KODAK PANATOMIC X 3412 SPEED 40 AFS
DEVELOPED IN AGFA G 74 C AVIPHOT

0638
DKD-K-05202
99-07

RMK TOP 30 NO. 144170
 TOPAR A3 5.6/305 NO. 144184
 CFL=305.862 MM

DISTORTION /0.001 MM, REFERRING TO PPS





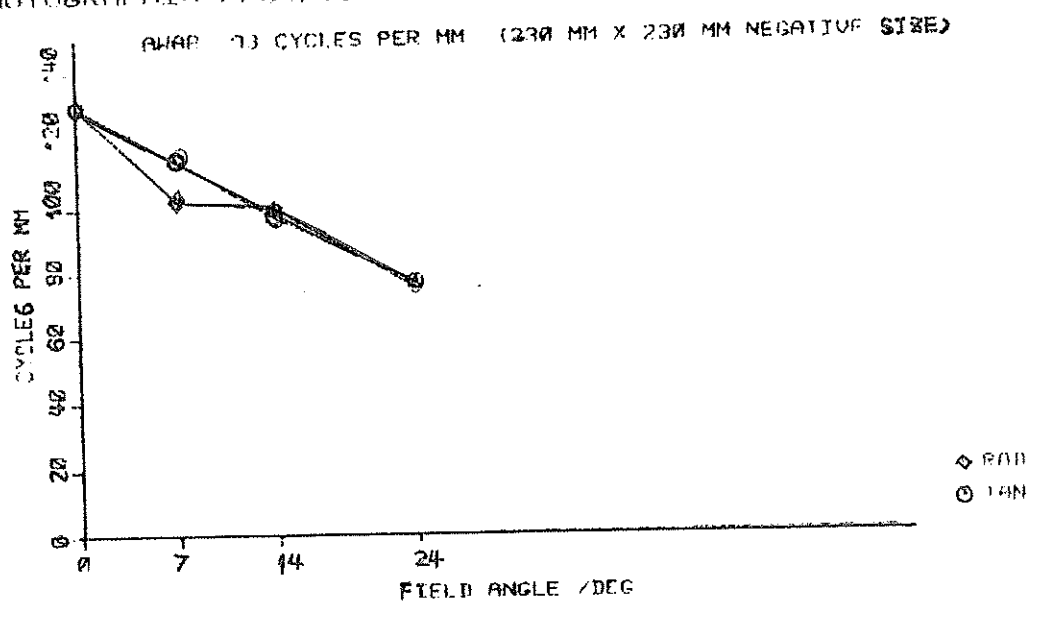
Selbe
Page 4

063R
DKD-K
05202
99-07

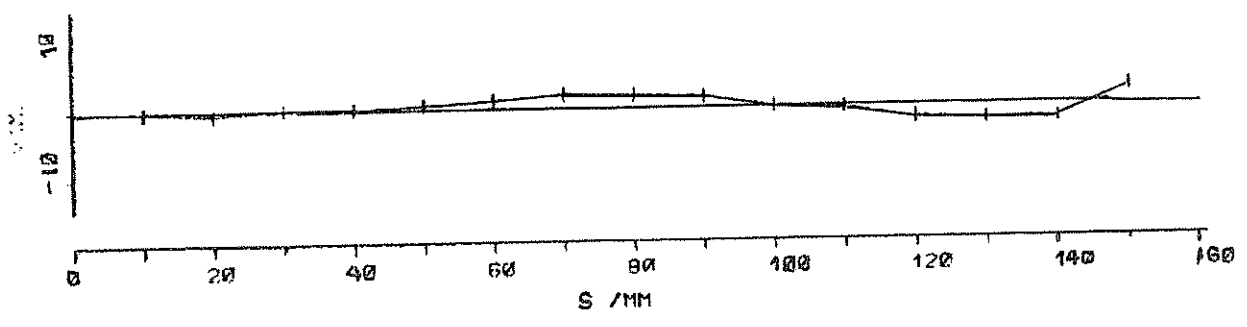
RMK TOP 30

NO. 144170

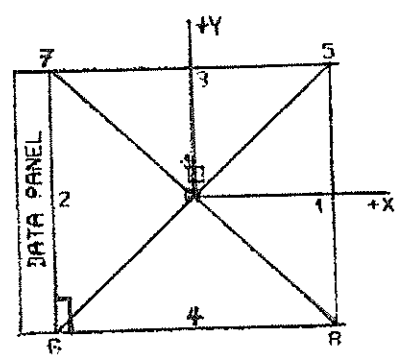
PHOTOGRAPHIC RESOLVING POWER



DEPARTURE OF AVERAGE DISTORTION FROM ZERO REFERENCE



PRINCIPAL POINT (PPA, PPS) AND FIDUCIAL CENTRE (FC)



COORDINATES, REFERRING TO PPS

	X / MM	Y / MM
○ PPA	-0.000	0.000
□ FC	0.001	0.009
◇ FCC (CORNER FIDUCIAL CENTRE)	-0.002	0.013

1 : 0.01 MM, X-AXIS AS DEFINED BY FIDUCIAL MARK COORDINATES
 $\alpha(6) = 0.0^\circ$ $\alpha(8) = \alpha(6) + 90^\circ$