

lis

0.8NA Nikon Microscope Objective Lens							
	RDY	THI	RMD	GLA	CCY	THC	GLC
OBJ:	INFINITY	INFINITY			100	100	
1:	-5.91159	1.325722		NLAK21_SCHOTT	0	0	
2:	5.14433	2.998346		SNPH1_OHARA	0	100	
3:	53.14691	21.126890			0	0	
4:	138.56311	1.000000		NBK7HT_SCHOTT	0	0	
5:	8.69514	7.783175		SFPL53_OHARA	0	100	
6:	-7.28642	1.000000		F2_SCHOTT	0	0	
7:	-29.40435	0.100000			0	0	
STO:	INFINITY	0.100000			0	0	
9:	61.69152	2.936254		SFPM2_OHARA	0	0	
10:	-29.58505	0.100000			0	0	
11:	12.76563	6.263299		SFPL53_OHARA	0	0	
12:	-15.82680	1.000000		NSF5_SCHOTT	0	0	
13:	12.68334	5.666847		SFPL53_OHARA	0	0	
14:	-16.11595	0.100000			0	0	
15:	8.01304	2.493816		SFPM2_OHARA	0	0	
16:	16.87210	0.100000			0	0	
17:	4.47291	2.934485		STIH6_OHARA	0	0	
> 18:	4.74623	2.971558			0	PIM	
IMG:	INFINITY	-0.000386			100	0	

SPECIFICATION DATA

NA	0.80000			
DIM	MM			
WL	656.27	587.56	486.13	
REF	2			
WTW	1	1	1	
INI	YZ			
XAN	0.00000	0.00000	0.00000	0.00000
YAN	0.00000	1.81755	2.57041	3.14810

WTF	1.00000	1.00000	1.00000	1.00000
VUX	0.00000	0.00117	0.00235	0.00353
VLX	0.00000	0.00117	0.00235	0.00353
VUY	0.00000	-0.00283	-0.00205	-0.00066
VLY	0.00000	0.00913	0.01460	0.01941
POL	N			

REFRACTIVE INDICES

GLASS CODE	656.27	587.56	486.13
NLAK21_SCHOTT	1.637242	1.640495	1.647899
SNPH1_OHARA	1.798009	1.808095	1.833513
NBK7HT_SCHOTT	1.514322	1.516800	1.522376
SFPL53_OHARA	1.437333	1.438750	1.441954
F2_SCHOTT	1.615032	1.620040	1.632081
SFPM2_OHARA	1.592555	1.595220	1.601342
NSF5_SCHOTT	1.666638	1.672707	1.687496
STIH6_OHARA	1.796106	1.805181	1.827774

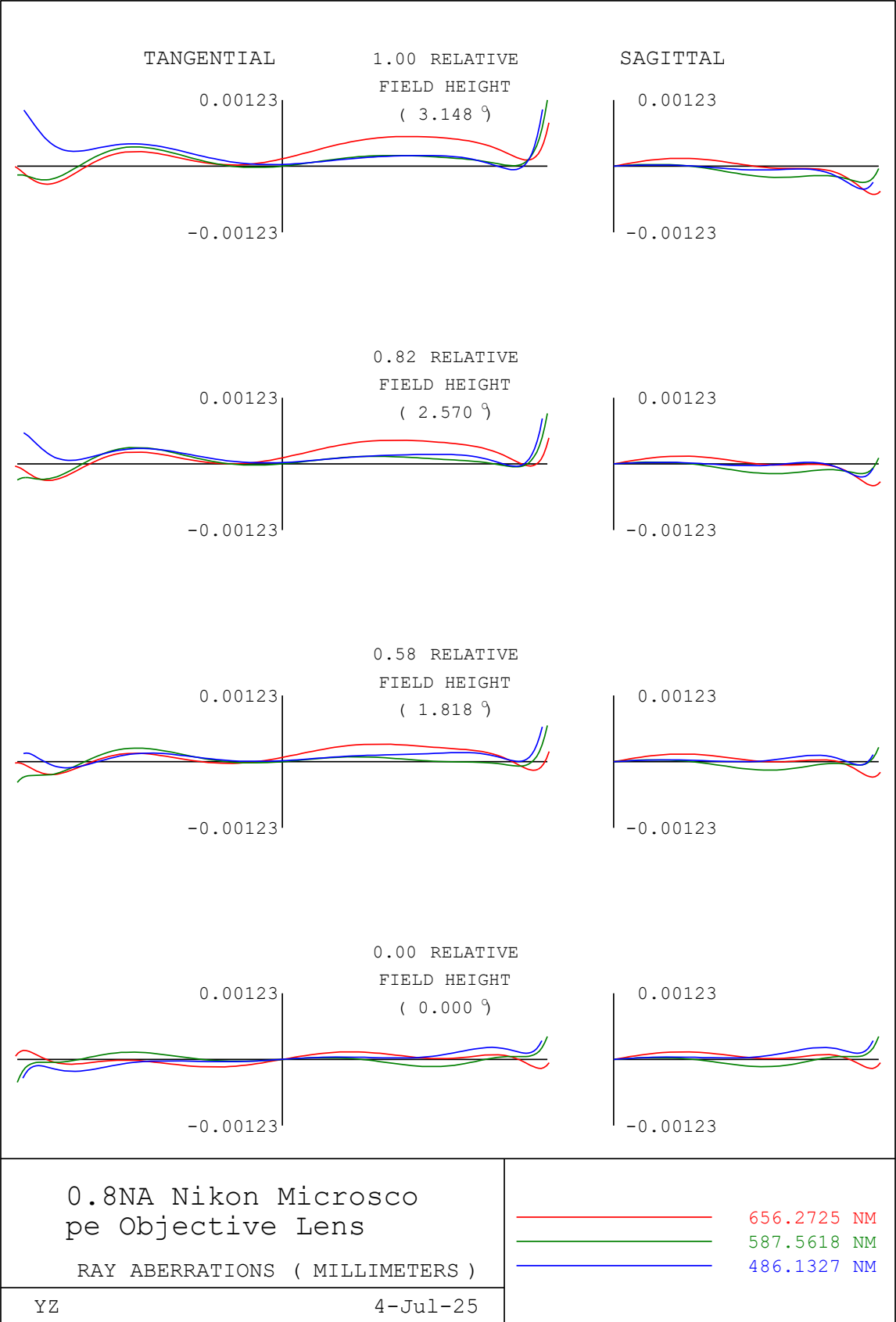
SOLVES

PIM

No pickups defined in system

INFINITE CONJUGATES

EFL	2.0000
BFL	2.9716
FFL	8.2302
FNO	0.6250
IMG DIS	2.9712
OAL	57.0288
PARAXIAL IMAGE	
HT	0.1100
ANG	3.1481
ENTRANCE PUPIL	
DIA	3.2000
THI	8.1412
EXIT PUPIL	
DIA	71.9473
THI	47.9386



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POSITION 1

X REL. FIELD	0.00	0.00	0.00	0.00
Y REL. FIELD	0.00	0.58	0.82	1.00
WEIGHTS	1.00	1.00	1.00	1.00
NUMBER OF RAYS	964	938	934	928

WAVELENGTHS	656.3	587.6	486.1
WEIGHTS	1	1	1

FIELD	FRACT	DEG	BEST INDIVIDUAL FOCUS				BEST COMPOSITE FOCUS			
			SHIFT (MM.)	FOCUS (MM.)	RMS (WAVES)	STREHL	SHIFT (MM.)	FOCUS (MM.)	RMS (WAVES)	STREHL
X	0.00	0.00	0.000000	0.000102	0.0243	0.977	0.000000	0.000000	0.0330	0.958
Y	0.00	0.00	0.000000				0.000000			
X	0.00	0.00	0.000000	0.000030	0.0289	0.968	0.000000	0.000000	0.0296	0.966
Y	0.58	1.82	0.000080				0.000080			
X	0.00	0.00	0.000000	-0.000037	0.0384	0.943	0.000000	0.000000	0.0393	0.941
Y	0.82	2.57	0.000125				0.000125			
X	0.00	0.00	0.000000	-0.000106	0.0499	0.906	0.000000	0.000000	0.0548	0.888
Y	1.00	3.15	0.000169				0.000167			

COMPOSITE RMS FOR
POSITION 1: 0.04024