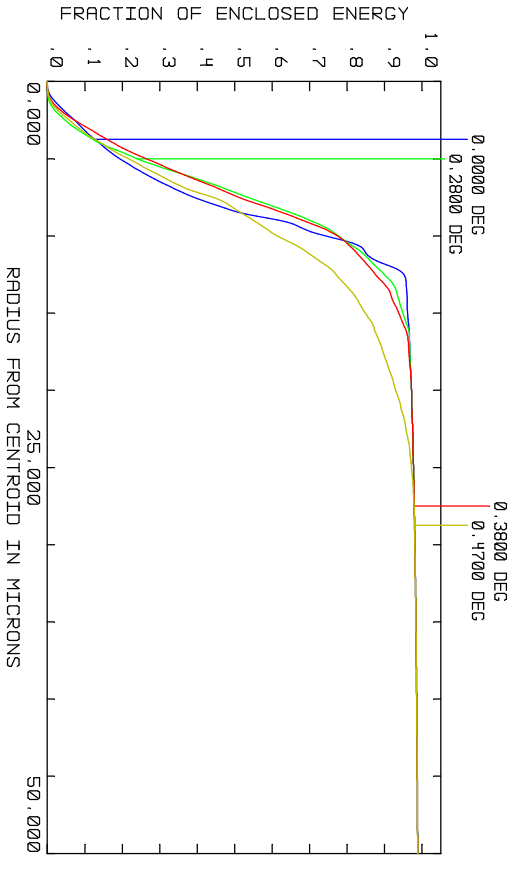
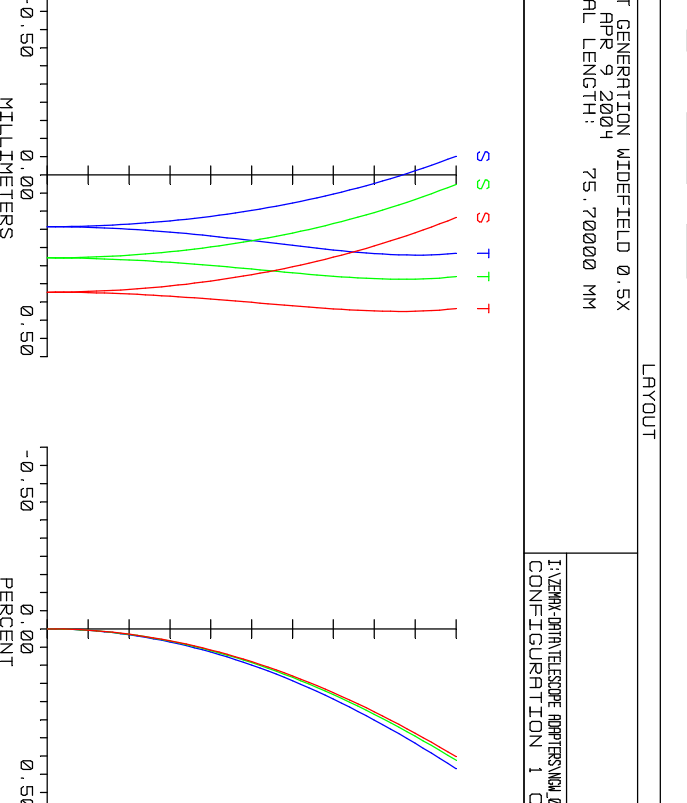
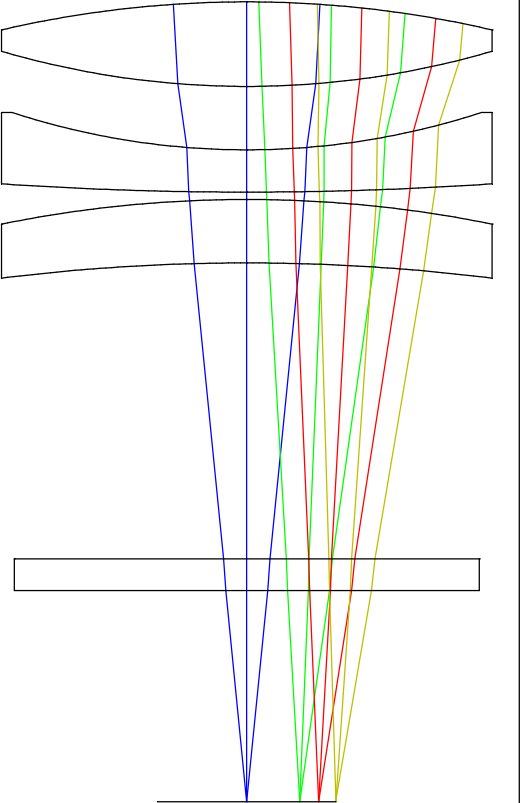


SURFACE: IMG
 IMR: 6.802 NM
 SPOT DIAGRAM
 IMR: 8.423 NM
 NEXT GENERATION WIDEFIELD 0.5X
 FRI APR 9 2004 UNITS ARE MICRONS.
 FIELD RMS RADII : 7.973 9.350 9.812 11.417
 GEO RADII : 12.181 21.388 21.986 29.106
 REFERENCE : CHIEF RAY
 I:ZEMAX-ORINA TELESCOPE ADAPTERS V04.0.5X.ZMX
 CONFIGURATION 1 OF 1



GEOMETRIC ENCIRCLED ENERGY
 NEXT GENERATION WIDEFIELD 0.5X
 FRI APR 9 2004
 WAVELENGTH: POLYCHROMATIC
 DRIN HRS BEEN SCALED BY DIFFRACTION LIMIT.
 I:ZEMAX-ORINA TELESCOPE ADAPTERS V04.0.5X.ZMX
 CONFIGURATION 1 OF 1



NEXT GENERATION WIDEFIELD 0.5X
 FRI APR 9 2004
 MAXIMUM FIELD IS 0.470 DEGREES
 WAVELENGTHS: 0.450 0.550 0.650
 I:ZEMAX-ORINA TELESCOPE ADAPTERS V04.0.5X.ZMX
 CONFIGURATION 1 OF 1