

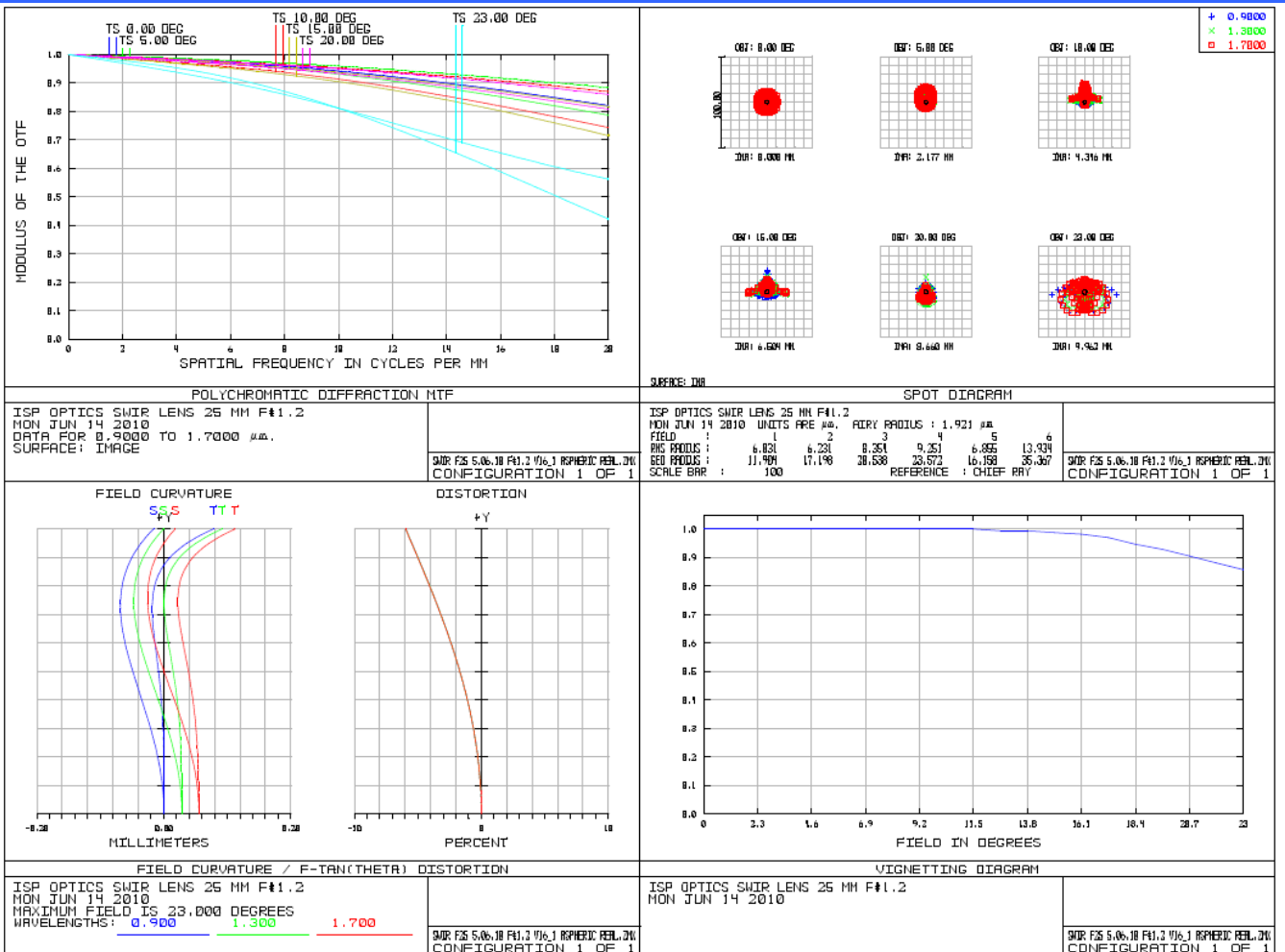
SWIR 2512

SWIR 25mm F/1.2 Manual Focus Lens Module

White Paper

PARAMETER		VALUE	NOTES
Main	Sub		
OPTICAL			
Focal Length / F#		25 / F1.2	Nominal values.
Detector (FPA) type / size		Up To 640 x 480 pixels x 25 u	Up to 20.0 mm diagonal.
Average Transmission		Greater than 84%	See optical coating below
Working Spectral Range		0.9 – 1.7 μ	
FOV (degreed)		36°(H) x 27° (V)	Nominal paraxial calculation
Optical Coatings		Multi layer AR broadband AR per MIL C 48497	Front element coating available to comply with MIL C 675
Optical Total lens track		Approx 63.8 mm	Nominal
Optical Back Focal Length		Approx 12 mm	In air
Minimum Focus distance		1.0 m	

Optical Performance Charts



MECHANICAL ICD

Under development

Weight of Optical Elements	Approx 85 grams	Nominal
Operating Temperature Range	-30 ° C to + 60 ° C	
Focus mechanism	Manual	Motorized version available