

SPICE Limb mode

Observation configuration and data rate calculation

Observing mode	Target	Line List	#Line Profiles	#Px /Profile	# Intensities	Slit (")	Exp. time	# Mirror Pos	Step size	Tilt time	FOV (")		Data cube (px)		
											X	Y	X	Y	Z
= study			(max=32)			2/4 /6 /30	(s)	=#exposures	(arcsecs)	(secs)					
Limb	Low corona above limb	C III, O VI, Ne VIII profiles + 3intensities	3	32	3	4	60	240	4	0.14	960	840	240	800	102
											16'	14'	scan direction	along slit	spectral dimension

Spectral-line performance

Line-SNR and spatial resolution combinations:

line-SNR >10 at 4"x2" in C-III, O-VI, Ne-VIII and Mg-IX (in ARs)