

EUV & LYA Coronal hole modes (C)

Description

This mode uses HRI telescopes targeting a full coronal hole, a CH boundary or polar plumes. The mode can be commanded on HRI_EUV and HRI_Lya telescopes independently.

Parameters

cadence, compression TBC

Resource usage

Observing mode	Target	Instrument	Channel	Cadence	Rebinning	Compression	Calculated TM	#images /h	Data Rate	Data Rate	Max time
			(nm)	(s)	or subfield	rate	(bits /image)		(Gibits /h)	(bits/s)	per orbit
EUV Coronal hole (C)	Full CH + boundary	HRI_EUV	17,4	30	1	6.25	10066329.6	120	1,5	447392.4	30 h
LYA Coronal hole (C)	+ plumes	HRI_Lyalpha	Ly alpha	30	1	18.75	3355443.2	120			

Maximum time in this mode

restricted to 30 hours per orbit = 90% of allocation (if both telescopes are used), **if all resulting TM gets downlinked!**

SOOP kitchen observations:

[EUV_CH](#)

[LYA_CH](#)