

V&V Summary Report

L2 ASCDS Version : 10.7.1

Observation 22219 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : May 19 2019

See axaff22219N001_VV001_vvref2.pdf for the full report

V&V Scientist	Melania Nynka
V&V Date (YYYY-MM-DD)	2019.05.21
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	35.020801391602

Comments

Comments for Obi 0

The ACIS focal plane temperature is warmer than -114.0 C degrees during the interval 674588994.85 - 674610293.65 (MET s) of this observation. This temperature is the upper limit of the verified ACIS calibration for the front-illuminated chips. The focal plane temperature is warmer than -112.0 C during the interval 674588994.85 - 674599630.45 (MET s) of this observation. This temperature is the upper limit of the verified ACIS calibration for the back-illuminated chips. The ACIS spectral response calibration is less accurate at these warmer temperatures than it is at -115.0 C. Users whose science objectives depend on the most accurate spectral response (e.g., fitting line-rich spectra) may notice an effect. Users whose science objectives do not depend on the most accurate spectral response should not notice an effect.

seq_num	201231	Sequence number
obs_id	22219	Observation id
title	Eta Carinae: X-ray Emission Line Diagnostics On the Approach to Periastron Passage	Proposal title
observer	Michael Corcoran	Principal investigator
object	Eta Carinae	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	161.264583	Observer's specified target RA [deg]
dec_targ	-59.684444	Observer's specified target Dec [deg]
ra_nom	161.27085746729	Nominal RA [deg]
dec_nom	-59.690442274785	Nominal Dec [deg]
roll_nom	272.16203205866	Nominal Roll [deg]
revision	1	Processing version of data
ontime	35020.801391602	Sum of GTIs [s]
livetime	33862.697149102	Livetime [s]
ontime5	35020.801391602	Sum of GTIs [s]
ontime6	35019.560351491	Sum of GTIs [s]
ontime7	35020.801391602	Sum of GTIs [s]
ontime8	35020.801391602	Sum of GTIs [s]
l2events	205823	Number of level 2 events

