

# V&V Summary Report

## L2 ASCDS Version : 10.7.1

Observation 21177 - L2 Version 1  
Chandra X-Ray Center

L2 Processing Date : May 16 2019

See [axaff21177N001\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Melania Nynka
V&V Date (YYYY-MM-DD)	2019.05.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	30.020401192904

## Comments

Comments for Obs 0

The ACIS focal plane temperature is warmer than -114.0 C degrees during the interval 674363596.92 - 674379358.92 (MET s) of this observation. The ACIS spectral response calibration for the front-illuminated chips is less accurate at these warmer temperatures than it is at -115.0 C. The back-illuminated chips are not affected at the focal plane temperatures recorded for this observation. 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	21177	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	&#160
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	161.27232594082	Nominal RA [deg]
dec_nom	-59.691898718909	Nominal Dec [deg]
roll_nom	272.16329335543	Nominal Roll [deg]
revision	1	Processing version of data
ontime	30020.401192904	Sum of GTIs [s]
livetime	29027.655378944	Livetime [s]
ontime5	30020.401192904	Sum of GTIs [s]
ontime6	30020.401192904	Sum of GTIs [s]
ontime7	30020.401192904	Sum of GTIs [s]
ontime8	30020.401192904	Sum of GTIs [s]
l2events	173767	Number of level 2 events

