

# V&V Summary Report

## L2 ASCDS Version : 10.9.1

Observation 5564 - L2 Version 5  
Chandra X-Ray Center

L2 Processing Date : Oct 10 2020

See axaff05564N005\_VV001\_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2020.10.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	34.47819

## Comments

A spatial region of the original bias map for CCD = 0 suffered from anomalously high data values. Pixels in the event data that were bias-corrected by one of the original affected bias pixels may have an apparent energy shift. While the change in energy is expected to be small ( $\sim 20$  eV), it depends on many parameters that have not yet been fully explored for this bias anomaly. In this case, the bias map for CCD = 0 could not be improved because no suitable data at a compatible temperature and time range are available to use as replacement values. The bias map used in this processing is the original bias map telemetered with the observation.

seq_num	500553	Sequence number
obs_id	5564	Observation id
title	Large-Scale Shock Interactions in Puppis A	Proposal title
observer	Dr Una Hwang	Principal investigator
object	Puppis A NE Shock Front	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	125.784	Observer's specified target RA [deg]
dec_targ	-42.694833	Observer's specified target Dec [deg]
ra_nom	125.7867478644	Nominal RA [deg]
dec_nom	-42.689571290504	Nominal Dec [deg]
roll_nom	136.00100298986	Nominal Roll [deg]
revision	5	Processing version of data
ontime	34478.199933678	Sum of GTIs [s]
livetime	34027.716869063	Livetime [s]
ontime0	34478.199933678	Sum of GTIs [s]
ontime1	34478.199933678	Sum of GTIs [s]
ontime2	34475.058963388	Sum of GTIs [s]
ontime3	34478.199933678	Sum of GTIs [s]
l2events	4931849	Number of level 2 events

