

# V&V Summary Report

## L2 ASCDS Version : 10.3.3

Observation 17593 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Feb 13 2015

See [axaff17593N002-VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2015.02.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	36.934112475753

## Comments

A spatial region of the original bias map for CCD = 9 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 (~20 eV), it depends on many parameters that have not yet been fully explored for this bias anomaly. The bias map for CCD = 9 has been reconstructed for this processing to remove this anomaly using scaled data from a comparable bias map from another observation.

The pixels affected by the anomaly are bounded by sky coords:  
(109.38319, -24.69196), (109.38007, -24.69007), (109.29463, -24.80615),  
(109.29776, -24.80804).

seq_num	201024	Sequence number
obs_id	17593	Observation id
title	Characterizing Hot Star Winds	Proposal title
observer	Prof. Claude Canizares	Principal investigator
object	tau CMa	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	109.677083	Observer's specified target RA [deg]
dec_targ	-24.954361	Observer's specified target Dec [deg]
ra_nom	109.68303777406	Nominal RA [deg]
dec_nom	-24.953856729583	Nominal Dec [deg]
roll_nom	326.35914177225	Nominal Roll [deg]
revision	2	Processing version of data
ontime	36934.112475753	Sum of GTIs [s]
livetime	36466.430504532	Livetime [s]
ontime4	36934.153515697	Sum of GTIs [s]
ontime5	36934.07143569	Sum of GTIs [s]
ontime6	36934.030395746	Sum of GTIs [s]
ontime7	36934.112475753	Sum of GTIs [s]
ontime8	36933.989355683	Sum of GTIs [s]
ontime9	36933.94831574	Sum of GTIs [s]
l2events	317678	Number of level 2 events

