

V&V Summary Report

L2 ASCDS Version : 10.7

Observation 21894 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Nov 17 2018

See axaff21894N002_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2018.11.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	18.075006152272

Comments

One optional chip was dropped.

A spatial region of the original bias map for CCD = 2 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 = 2 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: (11.64516,20.46160), (11.65548,20.46200), (11.65224,20.54074), (11.64191,20.54034).

seq_num	801818	Sequence number
obs_id	21894	Observation id
title	Deep Chandra Observations of the Shock Front and Faint Filament in the Pre-Merger Cluster Abell 98	Proposal title
observer	Scott Randall	Principal investigator
object	Abell 98	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	11.615833	Observer's specified target RA [deg]
dec_targ	20.544667	Observer's specified target Dec [deg]
ra_nom	11.556703597654	Nominal RA [deg]
dec_nom	20.541496703493	Nominal Dec [deg]
roll_nom	272.22942230279	Nominal Roll [deg]
revision	2	Processing version of data
ontime	18075.006152272	Sum of GTIs [s]
livetime	17838.842890267	Livetime [s]
ontime0	18078.024122596	Sum of GTIs [s]
ontime1	18078.065162539	Sum of GTIs [s]
ontime2	18078.106202602	Sum of GTIs [s]
ontime3	18075.006152272	Sum of GTIs [s]
l2events	54260	Number of level 2 events

