

# V&V Summary Report

## L2 ASCDS Version : 10.8

Observation 22843 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Sep 17 2019

See [axaff22843N002\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2019.09.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	59.566500458241

## Comments

A spatial region of the original bias map for CCD = 6 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. The bias map for CCD = 6 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: (10.60956,-33.63062), (10.59781,-33.63804), (10.67272,-33.72009), (10.68448,-33.71265).

seq_num	703760	Sequence number
obs_id	22843	Observation id
title	Nuclear accretion in a starbursting protocluster at z=4	Proposal t
observer	Fabio Vito	Principal investigator
object	DRC J004423.8-334334.8	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	10.599167	Observer's specified target RA [deg]
dec_targ	-33.726333	Observer's specified target Dec [deg]
ra_nom	10.599461464129	Nominal RA [deg]
dec_nom	-33.720631741686	Nominal Dec [deg]
roll_nom	37.156781496831	Nominal Roll [deg]
revision	2	Processing version of data
ontime	59566.500458241	Sum of GTIs [s]
livetime	58788.220277534	Livetime [s]
ontime6	59553.936267138	Sum of GTIs [s]
ontime7	59566.500458241	Sum of GTIs [s]
ontime8	59557.07721734	Sum of GTIs [s]
l2events	342374	Number of level 2 events

