

V&V Summary Report

L2 ASCDS Version : 10.5.2

Observation 18281 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Dec 30 2016

See axaff18281N002-VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2016.12.30
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	31.60434294939

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 (~ 20 eV), it depends on many parameters that have not yet been fully explored for this 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: (272.77365,50.01850), (272.76899,50.01823), (272.78825,49.87916), (272.79289,49.87943).

seq_num	801599	Sequence number
obs_id	18281	Observation id
title	A survivor found --- a detached X-ray cool core and tail	Proposal
observer	Ming Sun	Principal investigator
object	CGCG 254-021 tail	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	272.624583	Observer's specified target RA [deg]
dec_targ	49.94025	Observer's specified target Dec [deg]
ra_nom	272.6372857793	Nominal RA [deg]
dec_nom	49.94399812803	Nominal Dec [deg]
roll_nom	5.146900941394	Nominal Roll [deg]
revision	2	Processing version of data
ontime	31604.34294939	Sum of GTIs [s]
livetime	31191.408941978	Livetime [s]
ontime2	31597.896788955	Sum of GTIs [s]
ontime3	31604.260869384	Sum of GTIs [s]
ontime6	31601.160919309	Sum of GTIs [s]
ontime7	31604.34294939	Sum of GTIs [s]
ontime8	31601.078859091	Sum of GTIs [s]
l2events	218952	Number of level 2 events

