

V&V Summary Report

L2 ASCDS Version : 10.7.1

Observation 22046 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Jan 9 2019

See axaff22046N002_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2019.01.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	20.056918223977

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 (~20 eV), it depends on many parameters that have not yet been fully explored for this bias anomaly. The bias map for CCD = 0 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:
(344.55582,-53.16454), (344.56131,-53.16543), (344.62135,-53.03070),
(344.61588,-53.02981).

seq_num	801837	Sequence number
obs_id	22046	Observation id
title	Studying the Progenitors of Our Favorite Clusters at $z > 1$	Proposa
observer	Michael McDonald	Principal investigator
object	SPT-CLJ2259-5301	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	344.83	Observer's specified target RA [deg]
dec_targ	-53.033	Observer's specified target Dec [deg]
ra_nom	344.79156327121	Nominal RA [deg]
dec_nom	-53.052718450041	Nominal Dec [deg]
roll_nom	255.1779978779	Nominal Roll [deg]
revision	2	Processing version of data
ontime	20056.918223977	Sum of GTIs [s]
livetime	19794.859821692	Livetime [s]
ontime0	20063.200154424	Sum of GTIs [s]
ontime1	20063.200154424	Sum of GTIs [s]
ontime2	20060.059194207	Sum of GTIs [s]
ontime3	20056.918223977	Sum of GTIs [s]
ontime6	20063.200154424	Sum of GTIs [s]
l2events	71570	Number of level 2 events

