

V&V Summary Report

L2 ASCDS Version : 10.2.4

Observation 16645 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Sep 2 2014

See axaff16645N002-VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2014.09.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	34.090700262189

Comments

Joint proposal with NRAO.

A spatial region of the original bias maps for CCD = 2 and CCD = 3 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 maps for CCD = 2 and CCD = 3 have 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:

CCD = 2, (258.08260,-23.26710), (258.07771,-23.26679), (258.06764,-23.40594), (258.07253,-23.40625).

CCD = 3, (258.21600,-23.27548), (258.21215,-23.27524), (258.20220,-23.41441), (258.20606,-23.41465).

seq_num	801396	Sequence number
obs_id	16645	Observation id
title	A deep study of ram-pressure stripping, metal ridges, and AGN feedback in the Ophiuchus Cluster	Proposal title
observer	Steven Allen	Principal investigator
object	Ophiuchus Cluster	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	258.115417	Observer's specified target RA [deg]
dec_targ	-23.368611	Observer's specified target Dec [deg]
ra_nom	258.11491530702	Nominal RA [deg]
dec_nom	-23.410667306599	Nominal Dec [deg]
roll_nom	266.20848905928	Nominal Roll [deg]
revision	2	Processing version of data
ontime	34090.700262189	Sum of GTIs [s]
livetime	33645.280166055	Livetime [s]
ontime0	34090.700262189	Sum of GTIs [s]
ontime1	34090.700262189	Sum of GTIs [s]
ontime2	34090.700262189	Sum of GTIs [s]
ontime3	34090.700262189	Sum of GTIs [s]
l2events	955180	Number of level 2 events

