

V&V Summary Report

L2 ASCDS Version : 10.4.3.1

Observation 18139 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 4 2016

See axaff18139N002-VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2016.05.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.9135000379086

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 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:
(53.59499, -35.28092), (53.59708, -35.28040), (53.54789, -35.14669), (53.54581, -35.14720).

seq_num	703205	Sequence number
obs_id	18139	Observation id
title	X-RAYING FORNAX	Proposal title
observer	Elena Gallo	Principal investigator
object	fcc143	Source name
dtycycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	53.746667	Observer's specified target RA [deg]
dec_targ	-35.171111	Observer's specified target Dec [deg]
ra_nom	53.746706026813	Nominal RA [deg]
dec_nom	-35.173656512638	Nominal Dec [deg]
roll_nom	196.77391654383	Nominal Roll [deg]
revision	2	Processing version of data
ontime	4913.5000379086	Sum of GTIs [s]
livetime	4849.3015426472	Livetime [s]
ontime6	4913.5000379086	Sum of GTIs [s]
ontime7	4913.5000379086	Sum of GTIs [s]
ontime8	4913.5000379086	Sum of GTIs [s]
l2events	23707	Number of level 2 events

