

V&V Summary Report

L2 ASCDS Version : 10.5.1.1

Observation 18127 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Sep 7 2016

See axaff18127N002-VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2016.09.07
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:
(53.80143, -34.38752), (53.80113, -34.38983), (53.96940, -34.40451), (53.96969, -34.40220).

seq_num	703193	Sequence number
obs_id	18127	Observation id
title	X-RAYING FORNAX	Proposal title
observer	Elena Gallo	Principal investigator
object	fcc153	Source name
dtycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	53.879167	Observer's specified target RA [deg]
dec_targ	-34.447056	Observer's specified target Dec [deg]
ra_nom	53.875972837149	Nominal RA [deg]
dec_nom	-34.445454817327	Nominal Dec [deg]
roll_nom	83.907345335953	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	23645	Number of level 2 events

