

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 57015 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jun 11 2012

See [axaff57015N003_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.06.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.4499893092513

Comments

A spatial region of the original bias map for CCD = 2 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 = 2 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 chip coords:

(639,1), (689,1), (689,77), (639,77)

seq_num	 	Sequence number
obs_id	57015	Observation id
title	ACIS-012357 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	24.976943755228	Nominal RA [deg]
dec_nom	27.02012931294	Nominal Dec [deg]
roll_nom	102.91687921168	Nominal Roll [deg]
revision	3	Processing version of data
ontime	8449.9893092513	Sum of GTIs [s]
livetime	8342.9904566449	Livetime [s]
ontime0	8449.948269248	Sum of GTIs [s]
ontime1	8449.9072292447	Sum of GTIs [s]
ontime2	8449.8661892414	Sum of GTIs [s]
ontime3	8450.0303492546	Sum of GTIs [s]
ontime5	8449.8251492381	Sum of GTIs [s]
ontime7	8449.9893092513	Sum of GTIs [s]
l2events	523370	Number of level 2 events