

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 13981 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Aug 14 2012

See axaff13981N002-VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.08.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.0902000391483

Comments

A spatial region of the original bias map for CCD = 1 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 = 1 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:
(202.03994, -1.34451), (202.03616, -1.34333), (201.99425, -1.47636), (201.99802, -1.47754)

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The guide star in slot 5 was removed from the aspect solution due to poor data quality. The aspect solution is improved by the removal of this guide star from the solution.

seq_num	702702	Sequence number
obs_id	13981	Observation id
title	Chandra observations of the faintest hard X-ray sources in the SIX survey	Proposal title
observer	Dr Eugenio Bottacini	Principal investigator
object	six-8	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	202.133333	Observer's specified target RA [deg]
dec_targ	-1.512889	Observer's specified target Dec [deg]
ra_nom	202.1333674248	Nominal RA [deg]
dec_nom	-1.5210703415983	Nominal Dec [deg]
roll_nom	252.50830538537	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5090.2000391483	Sum of GTIs [s]
livetime	5023.6928282861	Livetime [s]
ontime0	5090.2000391483	Sum of GTIs [s]
ontime1	5090.2000391483	Sum of GTIs [s]
ontime2	5090.2000391483	Sum of GTIs [s]
ontime3	5090.2000391483	Sum of GTIs [s]
l2events	11270	Number of level 2 events

