

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 12965 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 25 2012

See axaff12965N002_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.04.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.5640000581741

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:
(199.82444,8.34406), (199.82673,8.34533), (199.75793,8.46724), (199.75565,8.46598)

seq_num	600933	Sequence number
obs_id	12965	Observation id
title	X-rays from Isolated Elliptical Galaxies	Proposal title
observer	Dr. DAVID BUOTE	Principal investigator
object	NGC 5080	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	199.83	Observer's specified target RA [deg]
dec_targ	8.429139	Observer's specified target Dec [deg]
ra_nom	199.82987494508	Nominal RA [deg]
dec_nom	8.4261680045761	Nominal Dec [deg]
roll_nom	209.11526969757	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7564.0000581741	Sum of GTIs [s]
liveltime	7465.1708288783	Livetime [s]
ontime2	7564.0000581741	Sum of GTIs [s]
ontime3	7564.0000581741	Sum of GTIs [s]
ontime5	7564.0000581741	Sum of GTIs [s]
ontime6	7564.0000581741	Sum of GTIs [s]
ontime7	7564.0000581741	Sum of GTIs [s]
l2events	72347	Number of level 2 events

