

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 12029 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Jun 25 2012

See axaff12029N003_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.07.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	14.889300114512

Comments

Spatial regions of the original bias maps for CCD = 3 and 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 maps for CCD = 3 and 6 have 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:

CCD3:

(207.25741,26.82409), (207.25668,26.82716), (207.20369,26.81685), (207.20443,26.81378)

CCD6:

(207.03751,26.54492), (207.04466,26.54633), (207.03264,26.59512), (207.02700,26.58758)

seq_num	890045	Sequence number
obs_id	12029	Observation id
title	AO-11 Calibration Observations of A1795	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	A1795	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	207.219583	Observer's specified target RA [deg]
dec_targ	26.590833	Observer's specified target Dec [deg]
ra_nom	207.19650170912	Nominal RA [deg]
dec_nom	26.588021859492	Nominal Dec [deg]
roll_nom	192.29720036705	Nominal Roll [deg]
revision	3	Processing version of data
ontime	14889.300114512	Sum of GTIs [s]
livetime	14694.760447173	Livetime [s]
ontime2	14883.018123746	Sum of GTIs [s]
ontime3	14886.159124196	Sum of GTIs [s]
ontime5	14889.300114512	Sum of GTIs [s]
ontime6	14883.018133819	Sum of GTIs [s]
ontime7	14889.300114512	Sum of GTIs [s]
l2events	299325	Number of level 2 events

