

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 2513 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Sep 22 2012

See axaff02513N002_VV001_vvref2.pdf for the full report

V&V Scientist	Glenn Allen
V&V Date (YYYY-MM-DD)	2012.09.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	12.075

Comments

Glenn,

Node 1 of Chip 2 has 8 columns with elevated adu values of 25-30 compared to the rest of the node. Maybe that's okay for cc-mode, but I thought you should check.

Joy

Joy,

As you note, there is a feature in the bias for CCD_ID=2, which appears worst for 368 <~ CHIPX <~ 379. There are not enough events in this region to determine with certainty whether the pulse heights are systematically shifted or not. The total number of events in this region does not appear to be inconsistent with the number expected from the rest of NODE_ID=1 of CCD_ID=2. Furthermore, the distribution of GRADES for the region affected is consistent with the distribution of

GRADES for the rest of NODE_ID=1 of CCD_ID=2. Since the source for this observation is on CCD_ID=7 and there is no evidence of another source on CCD_ID=2, I suggest that the bias be used as is.

Glenn

seq_num	300066	Sequence number
obs_id	2513	Observation id
title	FIRST X-RAY OBSERVATIONS DURING AN EXTREMELY RARE OUTBURST OF WZ SGE	
observer	Dr Erik Kuulkers	Principal investigator
object	WZ SGE	Source name
ra_targ	301.900833	Observer's specified target RA [deg]
dec_targ	17.704167	Observer's specified target Dec [deg]
ra_nom	301.89264335726	Nominal RA [deg]
dec_nom	17.698342309349	Nominal Dec [deg]
roll_nom	226.96067224136	Nominal Roll [deg]
revision	4	Processing version of data
ontime	12071.75	Sum of GTIs [s]
livetime	12024.594726562	Livetime [s]
ontime2	12071.75	Sum of GTIs [s]
ontime3	12071.75	Sum of GTIs [s]
ontime5	12071.75	Sum of GTIs [s]
ontime6	12071.75	Sum of GTIs [s]
ontime7	12071.75	Sum of GTIs [s]
ontime8	12071.75	Sum of GTIs [s]
l2events	158158	Number of level 2 events

