

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 7628 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Apr 28 2012

See axaff07628N002_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.01
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.0415999

Comments

Fid light positions are bi-modal, with a discontinuity in the positions at about 3 ksec into the observation. Fid light positions used in the aspect solution are the centroid of all the positions, but are more accurate for the period starting 3 ksec into the observation and ending at the end of the observation. For the highest accuracy aspect solution, it may be useful to examine the last 7 ksec of the observation separately to see if there is a significant difference in aspect. There is no discontinuity in the guide star positions. There is no obvious reason such as a temperature change in the periscope or HRMA that might account for the fid light discontinuity.

seq_num	500757	Sequence number
obs_id	7628	Observation id
title	A Better Mousetrap: Localizing RRATs with Chandra	Proposal title
observer	Dr. Shami Chatterjee	Principal investigator
object	J1826-14	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	276.5	Observer's specified target RA [deg]
dec_targ	-14.45	Observer's specified target Dec [deg]
ra_nom	276.50056508202	Nominal RA [deg]
dec_nom	-14.458049606835	Nominal Dec [deg]
roll_nom	256.52487200336	Nominal Roll [deg]
revision	2	Processing version of data
ontime	10041.599962652	Sum of GTIs [s]
livetime	9914.447177599	Livetime [s]
ontime0	10041.599962652	Sum of GTIs [s]
ontime1	10041.599962652	Sum of GTIs [s]
ontime2	10041.599962652	Sum of GTIs [s]
ontime3	10041.599962652	Sum of GTIs [s]
ontime6	10041.599962652	Sum of GTIs [s]
ontime7	10041.599962652	Sum of GTIs [s]
l2events	66673	Number of level 2 events

