

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 62507 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 19 2009

See axaff62507N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.01.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.286

Comments

There is a discontinuity in the tracking of the fid lights partway through this observation. All 3 fid lights display the discontinuity. The fid lights in slots 1 and 2 were excluded from the aspect solution for this observation, leaving data from only one fid light. The use of only 1 fid light and the discontinuity in the data result in a degraded boresight alignment calibration.

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SIM dy has 47 discontinuities > 0.200 arcsec
SIM dz has 232 discontinuities > 0.200 arcsec

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Charge time for this ObsId remains at original value of 1.286 ks, although with the current processing the charge time would have been 1.599 ksec.

seq_num	270335	Sequence number
obs_id	62507	Observation id
title	 	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	ArLac	Source name
ra_targ	332.1701	Observer's specified target RA
dec_targ	45.7423	Observer's specified target Dec
ra_nom	332.16258131899	Nominal RA
dec_nom	45.739800225086	Nominal Dec
roll_nom	230.44485890853	Nominal Roll
revision	4	Processing version of data
ontime	1599.0000576004	[s]
livetime	1588.0424530153	Ontime multiplied by DTCOR
l2events	43014	Number of level 2 events

