

V&V Summary Report

L2 ASCDS Version : 8.5.1.1

Observation 15627 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Dec 2 2014

See [axaff15627N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2014.12.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5.07069925

Comments

This is an observation of a moving target. Users will need to run `sso_freeze` or similar software to position the events in the reference frame of the target.

These data have been reprocessed with new aspect alignment calibration files that correct small mean offsets (up to 0.4 arcsecs) and improve overall astrometric accuracy. The new calibration was determined using data from the time period being reprocessed and was performed using cross-correlation of X-ray sources with radio and optical counterparts.

seq_num	100093	Sequence number
obs_id	15627	Observation id
title	High Latitude Charge Exchange X-rays from Comet PANSTARRS in the Cold Polar Solar Wind	Proposal title
observer	Dr. Carey Lisse	Principal investigator
object	Comet 2011 L4 (PANSTARRS)	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	5.8005	Observer's specified target RA [deg]
dec_targ	54.837722	Observer's specified target Dec [deg]
ra_nom	5.8821738354977	Nominal RA [deg]
dec_nom	54.735312390046	Nominal Dec [deg]
roll_nom	26.707769414061	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5070.6992540956	Sum of GTIs [s]
livetime	5004.4468353463	Livetime [s]
ontime2	5070.5350940824	Sum of GTIs [s]
ontime3	5070.617174089	Sum of GTIs [s]
ontime6	5070.6582140923	Sum of GTIs [s]
ontime7	5070.6992540956	Sum of GTIs [s]
ontime8	5070.5761340857	Sum of GTIs [s]
l2events	16452	Number of level 2 events

