

# V&V Summary Report

## L2 ASCDS Version : 8.5.1.1

Observation 15639 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Dec 2 2014

See axaff15639N002-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	5.17700003

## 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	15639	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	&#160
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	5.8714407374223	Nominal RA [deg]
dec_nom	54.795660588804	Nominal Dec [deg]
roll_nom	26.707563291071	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5177.0000398159	Sum of GTIs [s]
livetime	5109.3587230437	Livetime [s]
ontime2	5177.0000398159	Sum of GTIs [s]
ontime3	5177.0000398159	Sum of GTIs [s]
ontime6	5177.0000398159	Sum of GTIs [s]
ontime7	5177.0000398159	Sum of GTIs [s]
ontime8	5177.0000398159	Sum of GTIs [s]
l2events	16763	Number of level 2 events

