

# V&V Summary Report

## L2 ASCDS Version : 8.5.1.1

Observation 15641 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Dec 2 2014

See [axaff15641N002\\_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	5.1832000398636

## 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	100095	Sequence number
obs_id	15641	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	4.879166	Observer's specified target RA [deg]
dec_targ	60.061112	Observer's specified target Dec [deg]
ra_nom	4.6507769737829	Nominal RA [deg]
dec_nom	61.027011262194	Nominal Dec [deg]
roll_nom	34.3566799582	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5183.2000398636	Sum of GTIs [s]
livetime	5115.4777155264	Livetime [s]
ontime2	5183.2000398636	Sum of GTIs [s]
ontime3	5183.2000398636	Sum of GTIs [s]
ontime6	5183.2000398636	Sum of GTIs [s]
ontime7	5183.2000398636	Sum of GTIs [s]
ontime8	5183.2000398636	Sum of GTIs [s]
l2events	16959	Number of level 2 events

