

V&V Summary Report

L2 ASCDS Version : 8.5.1.1

Observation 15631 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Dec 2 2014

See [axaff15631N002-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	5.18163153

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	100097	Sequence number
obs_id	15631	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
ra_targ	4.876375	Observer's specified target RA [deg]
dec_targ	60.060944	Observer's specified target Dec [deg]
ra_nom	4.645927971221	Nominal RA [deg]
dec_nom	61.084147855419	Nominal Dec [deg]
roll_nom	34.096986177756	Nominal Roll [deg]
revision	2	Processing version of data
ontime	5181.6315308213	[s]
livetime	5138.8849381572	Ontime multiplied by DTCOR
l2events	321882	Number of level 2 events

