

# V&V Summary Report

## L2 ASCDS Version : 10.1.1

Observation 15674 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Dec 7 2014

See axaff15674N003\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2014.12.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	4.6159000355005

## Comments

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

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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	100103	Sequence number
obs_id	15674	Observation id
title	Plumbing the Heights of the Solar Wind With Comet ISON	Proposal ti
observer	Dr. Carey Lisse	Principal investigator
object	Comet C/2012 S1 (ISON)	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	170.82722	Observer's specified target RA [deg]
dec_targ	4.89959	Observer's specified target Dec [deg]
ra_nom	170.81243916928	Nominal RA [deg]
dec_nom	4.9094929796619	Nominal Dec [deg]
roll_nom	66.292372369045	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4615.9000355005	Sum of GTIs [s]
livetime	4555.5899033605	Livetime [s]
ontime2	4615.9000355005	Sum of GTIs [s]
ontime3	4615.9000355005	Sum of GTIs [s]
ontime6	4615.9000355005	Sum of GTIs [s]
ontime7	4615.9000355005	Sum of GTIs [s]
ontime8	4615.9000355005	Sum of GTIs [s]
l2events	4630	Number of level 2 events

