

# V&V Summary Report

## L2 ASCDS Version : 10.1.1

Observation 16547 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Dec 8 2014

See [axaff16547N002\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2014.12.15
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.352900018096

## 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	100143	Sequence number
obs_id	16547	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	243.44931	Observer's specified target RA [deg]
dec_targ	31.00845	Observer's specified target Dec [deg]
ra_nom	243.4132204225	Nominal RA [deg]
dec_nom	31.019108207636	Nominal Dec [deg]
roll_nom	27.118282188394	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2352.900018096	Sum of GTIs [s]
livetime	2322.1576471798	Livetime [s]
ontime2	2352.900018096	Sum of GTIs [s]
ontime3	2352.900018096	Sum of GTIs [s]
ontime6	2352.900018096	Sum of GTIs [s]
ontime7	2352.900018096	Sum of GTIs [s]
ontime8	2352.900018096	Sum of GTIs [s]
l2events	7035	Number of level 2 events

