

# V&V Summary Report

## L2 ASCDS Version : 10.1.1

Observation 16546 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Dec 8 2014

See axaff16546N003\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2014.12.16
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.3560000181198

## 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	100142	Sequence number
obs_id	16546	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	242.99676	Observer's specified target RA [deg]
dec_targ	22.95453	Observer's specified target Dec [deg]
ra_nom	243.05096378508	Nominal RA [deg]
dec_nom	23.023757858265	Nominal Dec [deg]
roll_nom	27.097993348614	Nominal Roll [deg]
revision	3	Processing version of data
ontime	2356.0000181198	Sum of GTIs [s]
livetime	2325.2171434211	Livetime [s]
ontime2	2356.0000181198	Sum of GTIs [s]
ontime3	2356.0000181198	Sum of GTIs [s]
ontime6	2356.0000181198	Sum of GTIs [s]
ontime7	2356.0000181198	Sum of GTIs [s]
ontime8	2356.0000181198	Sum of GTIs [s]
l2events	6970	Number of level 2 events

