

# V&V Summary Report

## L2 ASCDS Version : 10.1.1

Observation 16493 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Dec 7 2014

See axaff16493N003\_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	4.6810000360012

## 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.

====

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	100131	Sequence number
obs_id	16493	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	175.89	Observer's specified target RA [deg]
dec_targ	2.24	Observer's specified target Dec [deg]
ra_nom	175.88981713941	Nominal RA [deg]
dec_nom	2.2412048366725	Nominal Dec [deg]
roll_nom	66.411727858632	Nominal Roll [deg]
revision	3	Processing version of data
ontime	4681.0000360012	Sum of GTIs [s]
livetime	4619.8393244288	Livetime [s]
ontime2	4681.0000360012	Sum of GTIs [s]
ontime3	4681.0000360012	Sum of GTIs [s]
ontime6	4681.0000360012	Sum of GTIs [s]
ontime7	4681.0000360012	Sum of GTIs [s]
ontime8	4681.0000360012	Sum of GTIs [s]
l2events	4878	Number of level 2 events

