

# V&V Summary Report

## L2 ASCDS Version : 10.1.1

Observation 15690 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Dec 8 2014

See axaff15690N002\_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	2.1783813694715

## 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	100119	Sequence number
obs_id	15690	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
ra_targ	243.46024	Observer's specified target RA [deg]
dec_targ	31.14446	Observer's specified target Dec [deg]
ra_nom	243.47031000638	Nominal RA [deg]
dec_nom	31.138078085822	Nominal Dec [deg]
roll_nom	26.813732968179	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2178.3813694715	[s]
livetime	2162.5575782377	Ontime multiplied by DTCOR
l2events	120903	Number of level 2 events

