

# V&V Summary Report

## L2 ASCDS Version : 10.1.1

Observation 15678 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Dec 7 2014

See axaff15678N003\_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	3.1539251728058

## 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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Monitor constraint met.

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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	100107	Sequence number
obs_id	15678	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	175.7	Observer's specified target RA [deg]
dec_targ	2.32	Observer's specified target Dec [deg]
ra_nom	175.70167349644	Nominal RA [deg]
dec_nom	2.3379054432405	Nominal Dec [deg]
roll_nom	66.145101108247	Nominal Roll [deg]
revision	3	Processing version of data
ontime	3153.9251728058	[s]
livetime	3129.2806778209	Ontime multiplied by DTCOR
l2events	190567	Number of level 2 events

