

V&V Summary Report

L2 ASCDS Version : 10.1.1

Observation 15681 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Dec 8 2014

See [axaff15681N002_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	2.0708000159264

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	100110	Sequence number
obs_id	15681	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	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	243.92021	Observer's specified target RA [deg]
dec_targ	37.81822	Observer's specified target Dec [deg]
ra_nom	243.88681704559	Nominal RA [deg]
dec_nom	37.88182394725	Nominal Dec [deg]
roll_nom	27.214183133477	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2070.8000159264	Sum of GTIs [s]
livetime	2043.7434892175	Livetime [s]
ontime2	2070.8000159264	Sum of GTIs [s]
ontime3	2070.8000159264	Sum of GTIs [s]
ontime6	2070.8000159264	Sum of GTIs [s]
ontime7	2070.8000159264	Sum of GTIs [s]
ontime8	2070.8000159264	Sum of GTIs [s]
l2events	6265	Number of level 2 events

