

V&V Summary Report

L2 ASCDS Version : 10

Observation 14457 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Dec 4 2014

See [axaff14457N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2015.11.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	109.112280927

Comments

Joint proposal with HST.

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	901021	Sequence number
obs_id	14457	Observation id
title	Multiwavelength Spectroscopy of the Interstellar Medium: O and Ne Abundance ratio	Proposal title
observer	Yangsen Yao	Principal investigator
object	4U 0512-401 (NGC 1851)	Source name
ra_targ	78.528333	Observer's specified target RA [deg]
dec_targ	-40.046556	Observer's specified target Dec [deg]
ra_nom	78.523111658986	Nominal RA [deg]
dec_nom	-40.043988292762	Nominal Dec [deg]
roll_nom	148.06397553462	Nominal Roll [deg]
revision	2	Processing version of data
ontime	109112.280927	[s]
livetime	108436.78982295	Ontime multiplied by DTCOR
l2events	5461807	Number of level 2 events

