

# V&V Summary Report

## L2 ASCDS Version : 10.8.4

Observation 23232 - L2 Version 1  
Chandra X-Ray Center

L2 Processing Date : Apr 29 2020

See axaff23232N001\_VV001\_vvref2.pdf for the full report

V&V Scientist	David Huenemoerder
V&V Date (YYYY-MM-DD)	2020.05.04
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.4924314622879

## Comments

WARNING: this is a moving, extended object; it was processed as if a stationary point source at the nominal source coordinates. Custom methods will be required (such as sso\_freeze); it is unlikely that existing ciao programs will compute grating diffraction coordinates for a moving source (even with the modified aspect solution from sso\_freeze).

Comments for Obi 0

Star in slot 4 has an RMS deviation > 0.200000 arcsec

Star in slot 6 has an RMS deviation > 0.200000 arcsec

(acceptable, as per aspect review)

seq_num	100193	Sequence number
obs_id	23232	Observation id
title	Grating spectroscopy of the unexpectedly bright comet C/2019 Y4 ATLAS	Proposal title
observer	Dennis Bodewits	Principal investigator
object	C/2019 Y4 ATLAS	Source name
ra_targ	81.561438	Observer's specified target RA [deg]
dec_targ	61.008502	Observer's specified target Dec [deg]
ra_nom	81.5618369929	Nominal RA [deg]
dec_nom	61.0067853032	Nominal Dec [deg]
roll_nom	304.037596086	Nominal Roll [deg]
revision	1	Processing version of data
ontime	3492.4314622879	[s]
livetime	3455.3462550388	Ontime multiplied by DTCOR
l2events	339280	Number of level 2 events

