

# V&V Summary Report

## L2 ASCDS Version : 10.8.1

Observation 23092 - L2 Version 1  
Chandra X-Ray Center

L2 Processing Date : Dec 18 2019

See [axaff23092N001\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2019.12.18
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	12.662082015157

## Comments

Window constraint met.

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.

seq_num	100192	Sequence number
obs_id	23092	Observation id
title	Chandra Observations of the Interstellar Comet C/2019 Q4 Borisov	P
observer	Bradford Snios	Principal investigator
object	C/2019 Q4 Borisov	Source name
ra_targ	176.22493	Observer's specified target RA [deg]
dec_targ	-26.153108	Observer's specified target Dec [deg]
ra_nom	176.18338910702	Nominal RA [deg]
dec_nom	-26.236729853421	Nominal Dec [deg]
roll_nom	69.049004638032	Nominal Roll [deg]
revision	1	Processing version of data
ontime	12662.082015157	[s]
livetime	12443.93290913	Ontime multiplied by DTCOR
l2events	1063748	Number of level 2 events

