

# V&V Summary Report

## L2 ASCDS Version : 10.8.1

Observation 23090 - L2 Version 1  
Chandra X-Ray Center

L2 Processing Date : Dec 17 2019

See [axaff23090N001\\_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	12.655932014942

## 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	23090	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	175.546624	Observer's specified target RA [deg]
dec_targ	-24.839564	Observer's specified target Dec [deg]
ra_nom	175.50540706963	Nominal RA [deg]
dec_nom	-24.922168401949	Nominal Dec [deg]
roll_nom	69.050010472734	Nominal Roll [deg]
revision	1	Processing version of data
ontime	12655.932014942	[s]
livetime	12538.422421809	Ontime multiplied by DTCOR
l2events	895667	Number of level 2 events

