

V&V Summary Report

L2 ASCDS Version : 10.7.1

Observation 21993 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Dec 14 2018

See [axaff21993N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2018.12.14
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.1847117813826

Comments

Joint proposal with HST.

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.

Three optional chips were dropped.

Window preference met.

The guide star in slot 7 was removed from the aspect solution due to poor data quality. The aspect solution is improved by the removal of this slot from the solution.

seq_num	100169	Sequence number
obs_id	21993	Observation id
title	Close encounter with comet 46P/Wirtanen: X-ray tomography of the coma	Proposal title
observer	Dennis Bodewits	Principal investigator
object	46P/Wirtanen	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	54.650229	Observer's specified target RA [deg]
dec_targ	11.137294	Observer's specified target Dec [deg]
ra_nom	54.669388092126	Nominal RA [deg]
dec_nom	11.107820612244	Nominal Dec [deg]
roll_nom	297.15293454493	Nominal Roll [deg]
revision	1	Processing version of data
ontime	9184.7117813826	Sum of GTIs [s]
liveltime	9064.7067602724	Livetime [s]
ontime6	9184.6707414389	Sum of GTIs [s]
ontime7	9184.7117813826	Sum of GTIs [s]
ontime8	9184.629701376	Sum of GTIs [s]
l2events	50813	Number of level 2 events

