

# V&V Summary Report

## L2 ASCDS Version : 10.8

Observation 22111 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Jun 21 2019

See axaff22111N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	David Huenemoerder
V&V Date (YYYY-MM-DD)	2019.06.25
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	0.33225

## Comments

This is the short segment in the wrong mode, restarted as 22140. No useful science data. About 6600 events, all on S3 (no useful dispersed events, given zeroth order offset).

Charge time:

ONTIME of 332.25 seconds is less than 85% of expected scheduled time of 25000 seconds

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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 guide star from the solution.

Comments for Obi 0

Fid in slot 1 radial offset > 0.850000 arcsec

seq_num	402120	Sequence number
obs_id	22111	Observation id
title	Probing the disc-jet coupling in the neutron star binary Sco X-1	P
observer	Sara Motta	Principal investigator
object	Sco X-1	Source name
ra_targ	244.979583	Observer's specified target RA [deg]
dec_targ	-15.640278	Observer's specified target Dec [deg]
ra_nom	244.97656494091	Nominal RA [deg]
dec_nom	-15.636018168027	Nominal Dec [deg]
roll_nom	80.055990315183	Nominal Roll [deg]
revision	2	Processing version of data
ontime	332.25	Sum of GTIs [s]
livetime	330.9521484375	Livetime [s]
ontime5	332.25	Sum of GTIs [s]
ontime6	332.25	Sum of GTIs [s]
ontime7	332.25	Sum of GTIs [s]
ontime8	332.25	Sum of GTIs [s]
l2events	6619	Number of level 2 events

