

# V&V Summary Report

## L2 ASCDS Version : 8.4.4

Observation 8522 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Apr 21 2012

See axaff08522N003\_VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.04.24
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	78.9200986

## Comments

Gain and CTI correction are not well calibrated on CCD\_ID 5 (ACIS-S1). Default order sorting can clip some regions, particularly longward of 30A (first order). User-specified custom processing parameters may be required in `tg_resolve_events` (`osipfile=none`, `osort_lo`, `osort_hi ~0.5`) though this can allow more zeroth order background at short wavelengths.

seq_num	200444	Sequence number
obs_id	8522	Observation id
title	X-ray spectral diagnostics of accretion processes in pre-main sequence stars: TWA14	Proposal title
observer	Paola Testa	Principal investigator
object	TWA14	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	168.359167	Observer's specified target RA [deg]
dec_targ	-45.395194	Observer's specified target Dec [deg]
ra_nom	168.32947577279	Nominal RA [deg]
dec_nom	-45.397162668053	Nominal Dec [deg]
roll_nom	1.1354853507361	Nominal Roll [deg]
revision	3	Processing version of data
ontime	78920.098655939	Sum of GTIs [s]
livetime	74549.375282248	Livetime [s]
ontime4	78920.098655939	Sum of GTIs [s]
ontime5	78920.098655939	Sum of GTIs [s]
ontime6	78920.098655939	Sum of GTIs [s]
ontime7	78920.098655939	Sum of GTIs [s]
ontime8	78920.098655939	Sum of GTIs [s]
ontime9	78920.098655939	Sum of GTIs [s]
l2events	169044	Number of level 2 events

