

# V&V Summary Report

## L2 ASCDS Version : 10.6.4.1

Observation 21950 - L2 Version 1  
Chandra X-Ray Center

L2 Processing Date : Oct 31 2018

See [axaff21950N001\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2018.10.31
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	12.154717027903

## Comments

Standard software processing technique using the tools `tgdetect` and `findzo` could not locate a target near the aim point, because the aimpoint was placed between 2 stars of interest. The star HL Tau was chosen as the source for the spectral extraction in this processing of the data. The zeroth order position was specified manually as the brightest X-ray emission in the source. The investigator will want to verify that the zeroth order position is at the desired position for extraction of the spectrum. The nearby star XZ Tau can also be the source for a spectral extraction using `TGCat` or `CIAO` tools.

seq_num	201178	Sequence number
obs_id	21950	Observation id
title	An (X-ray Gratings) Tale of Two Young Stellar Objects	Proposal tit
observer	David Principe	Principal investigator
object	XZ Tau and HL Tau	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	67.91375	Observer's specified target RA [deg]
dec_targ	18.232028	Observer's specified target Dec [deg]
ra_nom	67.908060327842	Nominal RA [deg]
dec_nom	18.237029486429	Nominal Dec [deg]
roll_nom	93.158483972587	Nominal Roll [deg]
revision	1	Processing version of data
ontime	12154.717027903	Sum of GTIs [s]
livetime	11995.906701761	Livetime [s]
ontime5	12154.675987959	Sum of GTIs [s]
ontime6	12148.352746964	Sum of GTIs [s]
ontime7	12154.717027903	Sum of GTIs [s]
ontime8	12154.593907952	Sum of GTIs [s]
l2events	137009	Number of level 2 events

