

V&V Summary Report

L2 ASCDS Version : 10.6.4.1

Observation 21947 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Oct 29 2018

See [axaff21947N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2018.10.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.058555649877

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	21947	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	
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	67.90874674419	Nominal RA [deg]
dec_nom	18.235851482515	Nominal Dec [deg]
roll_nom	93.158217823154	Nominal Roll [deg]
revision	1	Processing version of data
ontime	10058.555649877	Sum of GTIs [s]
livetime	9927.13321531	Livetime [s]
ontime5	10058.514609933	Sum of GTIs [s]
ontime6	10058.47356987	Sum of GTIs [s]
ontime7	10058.555649877	Sum of GTIs [s]
ontime8	10058.432529926	Sum of GTIs [s]
l2events	111229	Number of level 2 events

