

V&V Summary Report

L2 ASCDS Version : 10.9.1

Observation 4624 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Oct 3 2020

See axaff04624N003_VV001_vvref2.pdf for the full report

V&V Scientist	David Principe
V&V Date (YYYY-MM-DD)	2020.10.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.681

Comments

HETG is inserted as a filter; there is very little useful gratings information in the observation. The zeroth order position used in the grating extraction is NOT at the position of the pulsar, but is near some bright emission knots to the SE. If the dispersed grating spectrum is to be analyzed, it should be re-extracted using the exact position of the pulsar as the zeroth order position. The dispersed spectrum only contains data for the meg orders between 1-2 A.

seq_num	500449	Sequence number
obs_id	4624	Observation id
title	Spectroscopic Study of the Dynamic Shock in the Pulsar Wind of the Crab Nebula	Proposal title
observer	Dr Koji Mori	Principal investigator
object	Crab Nebula	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	83.632083	Observer's specified target RA [deg]
dec_targ	22.016472	Observer's specified target Dec [deg]
ra_nom	83.637203638376	Nominal RA [deg]
dec_nom	22.026788036261	Nominal Dec [deg]
roll_nom	91.476427125535	Nominal Roll [deg]
revision	4	Processing version of data
ontime	10681.800424457	Sum of GTIs [s]
livetime	9396.3761650744	Livetime [s]
ontime7	10681.800424457	Sum of GTIs [s]
l2events	2555490	Number of level 2 events

