

V&V Summary Report

L2 ASCDS Version : 10.9.1

Observation 4623 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Oct 2 2020

See axaff04623N003_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	9.168

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 centered on a bright emission knot 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	500448	Sequence number
obs_id	4623	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	83.636408048722	Nominal RA [deg]
dec_nom	22.027021372013	Nominal Dec [deg]
roll_nom	92.305769923971	Nominal Roll [deg]
revision	5	Processing version of data
ontime	9168.9003643394	Sum of GTIs [s]
liveltime	8065.5351551191	Livetime [s]
ontime7	9168.9003643394	Sum of GTIs [s]
l2events	2238732	Number of level 2 events

