

# V&V Summary Report

## L2 ASCDS Version : 8.5

Observation 4621 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Dec 7 2012

See axaff04621N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2013.01.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	10.15

## 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 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 +1 order between 1-2 A.

seq_num	500446	Sequence number
obs_id	4621	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	The Crab Nebula	Source name
dtcycle	0	&#160
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	83.633645859154	Nominal RA [deg]
dec_nom	22.020585427466	Nominal Dec [deg]
roll_nom	93.837896099362	Nominal Roll [deg]
revision	3	Processing version of data
ontime	10150.800403357	Sum of GTIs [s]
livetime	8929.2755131567	Livetime [s]
ontime7	10150.800403357	Sum of GTIs [s]
l2events	2203634	Number of level 2 events

