

# V&V Summary Report

## L2 ASCDS Version : 10.9.1

Observation 5284 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Oct 3 2020

See axaff05284N003\_VV001\_vvref2.pdf for the full report

V&V Scientist	Melania Nynka
V&V Date (YYYY-MM-DD)	2020.10.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.578

## 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.

seq_num	500501	Sequence number
obs_id	5284	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	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	83.641083	Observer's specified target RA [deg]
dec_targ	22.016472	Observer's specified target Dec [deg]
ra_nom	83.645908048606	Nominal RA [deg]
dec_nom	22.026496921678	Nominal Dec [deg]
roll_nom	91.48463448253	Nominal Roll [deg]
revision	4	Processing version of data
ontime	9578.7003806233	Sum of GTIs [s]
livetime	8426.0207429832	Livetime [s]
ontime7	9578.7003806233	Sum of GTIs [s]
l2events	1023382	Number of level 2 events

