

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 13121 - L2 Version 2  
Chandra X-Ray Center

L2 Processing Date : Jul 4 2012

See axaff13121N002\_VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.07.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.1368688597679

## Comments

This observation is a pathfinder for a future observation. During this observation the threshold values were changed frequently. Below is a table of the threshold values and the start and stop time for each, stepping down by 5 in the commanded level every 200s.===== trigger===  
start === stop=== 65 === 402727575.813 === 402727777.399=== 60 ===  
402727779.449 === 402727978.299=== 55 === 402727980.349 ===  
402728177.149=== 50 === 402728179.199 === 402728378.049=== 45 ===  
402728380.099 === 402728578.949=== 40 === 402728580.999 ===  
402728777.799=== 35 === 402728779.849 === 402728978.699=== 30 ===  
402728980.749 === 402729177.549=== 25 === 402729179.599 ===  
402729378.449=== 20 === 402729380.499 === 402729575.813  
===== Telemetry saturation affects the livetime during the second half  
of the observation.

seq_num	590509	Sequence number
obs_id	13121	Observation id
title	Calibration path-finder second observation of the Crab Pulsar	Prop
observer	CXC Calibration	Principal investigator
object	PSRB0531+21	Source name
ra_targ	83.633333	Observer's specified target RA [deg]
dec_targ	22.014472	Observer's specified target Dec [deg]
ra_nom	83.632965474972	Nominal RA [deg]
dec_nom	22.019304865308	Nominal Dec [deg]
roll_nom	92.109592482375	Nominal Roll [deg]
revision	2	Processing version of data
ontime	2136.8688598275	[s]
livetime	1588.5010083611	Ontime multiplied by DTCOR
l2events	289190	Number of level 2 events

