

V&V Summary Report

L2 ASCDS Version : 8.4.5

Observation 13757 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Nov 28 2014

See axaff13757N002_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2014.12.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	5

Comments

Spacecraft dither disabled. Charge time is more than ONTIME because of telemetry saturation, which is expected for this target. Charge time has been set to the original scheduled exposure time. Short livetime reflects the short detector read time compared to the overhead.

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These data have been reprocessed with new aspect alignment calibration files that correct small mean offsets (up to 0.4 arcsecs) and improve overall astrometric accuracy. The new calibration was determined using data from the time period being reprocessed and was performed using cross-correlation of X-ray sources with radio and optical counterparts.

seq_num	501590	Sequence number
obs_id	13757	Observation id
title	Joint Chandra and HST Monitoring of the Crab Nebula	Proposal title
observer	Dr. Martin Weisskopf	Principal investigator
object	Crab	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	83.631667	Observer's specified target RA [deg]
dec_targ	22.015667	Observer's specified target Dec [deg]
ra_nom	83.633265941025	Nominal RA [deg]
dec_nom	22.018481811749	Nominal Dec [deg]
roll_nom	91.934041648447	Nominal Roll [deg]
revision	2	Processing version of data
ontime	3450.6126394868	Sum of GTIs [s]
liveltime	599.21033575641	Livetime [s]
ontime7	3450.6126394868	Sum of GTIs [s]
l2events	1712398	Number of level 2 events

