

V&V Summary Report

L2 ASCDS Version : 8.4.4

Observation 8548 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Aug 12 2012

See axaff08548N003_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.08.17
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	9.12941918

Comments

Test of HRC shutter configuration to avoid telemetry saturation. The +Y shutter was supposed to be in a partially closed configuration with the initial starting angle +1 degree from nominal 1/2 blocking. The shutter was supposed to be repositioned during the observation in 0.25 degree steps every 1ks from the start of the observation. However, for unknown reasons, the shutter never moved from the initial starting position during the observation. Telemetry was saturated during the observation.

seq_num	500823	Sequence number
obs_id	8548	Observation id
title	AXAF OBSERVATIONS OF THE CRAB NEBULA AND PULSAR AND SPECTROSCOPY OF THE INTERSTELLAR MEDIUM	Proposal title
observer	Dr. Martin Weisskopf	Principal investigator
object	CRAB PULSAR	Source name
ra_targ	83.633333	Observer's specified target RA [deg]
dec_targ	22.014444	Observer's specified target Dec [deg]
ra_nom	83.633168581604	Nominal RA [deg]
dec_nom	22.019399928074	Nominal Dec [deg]
roll_nom	92.34831140592	Nominal Roll [deg]
revision	3	Processing version of data
ontime	9129.6754399538	[s]
livetime	7713.7676887009	Overtime multiplied by DTCOR
l2events	1518958	Number of level 2 events

