

# V&V Summary Report

## L2 ASCDS Version : 8.5.1

Observation 4408 - L2 Version 5  
Chandra X-Ray Center

L2 Processing Date : Dec 13 2012

See axaff04408N003\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2013.01.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	25.275

## Comments

Charge time for this ObsId remains at previous value of 25.275 ks although with the current processing the charge time would have been 24.34 ksec.

=====

The guide star in slot 7 was removed from the aspect solution due to poor data quality. The aspect solution is improved by the removal of this guide star from the solution.

=====

This observation was interrupted by safing of the science instruments onboard Chandra due to high solar radiation environment. The observation was interrupted at 331:00:04:55 GMT. Due to a high radiation environment, the instruments were safed and the observation terminated early. This observation has been reprocessed so that the aspect solution correctly handles the instrument safing and maneuver activities at the end of the observation.

seq_num	700685	Sequence number
obs_id	4408	Observation id
title	QUIESCENT SUPERMASSIVE BLACK HOLES	Proposal title
observer	Dr. Giuseppina Fabbiano	Principal investigator
object	NGC 821	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	32.0875	Observer's specified target RA [deg]
dec_targ	10.994722	Observer's specified target Dec [deg]
ra_nom	32.089718541409	Nominal RA [deg]
dec_nom	10.985277700819	Nominal Dec [deg]
roll_nom	293.01821234464	Nominal Roll [deg]
revision	5	Processing version of data
ontime	24337.5	Sum of GTIs [s]
liveltime	23689.359134091	Livetime [s]
ontime7	24337.5	Sum of GTIs [s]
l2events	62267	Number of level 2 events

