

# V&V Summary Report

## L2 ASCDS Version : 8.4.4

Observation 8003 - L2 Version 3  
Chandra X-Ray Center

L2 Processing Date : Apr 22 2012

See axaff08003N003\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.04.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	47.6383178

## Comments

Preferred roll angle constraint met. There is a slight increase and subsequent decrease in total count rate between 40 and 42 ksec into the observation. The increase is approximately 5 ct/s. This change in the count rate appears to correspond to a high and unsettled radiation environment at that time. It is believed the elevated count rate is due to the radiation environment.

seq_num	900547	Sequence number
obs_id	8003	Observation id
title	THE CHANDRA-COSMOS SURVEY	Proposal title
observer	Dr. Martin Elvis	Principal investigator
object	C-COSMOS2-5	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	149.961796	Observer's specified target RA [deg]
dec_targ	2.433781	Observer's specified target Dec [deg]
ra_nom	149.96214718059	Nominal RA [deg]
dec_nom	2.4257043833174	Nominal Dec [deg]
roll_nom	255.2086740319	Nominal Roll [deg]
revision	3	Processing version of data
ontime	47638.317811966	Sum of GTIs [s]
livetime	47035.09274748	Livetime [s]
ontime0	47641.558802366	Sum of GTIs [s]
ontime1	47641.558802366	Sum of GTIs [s]
ontime2	47635.076801956	Sum of GTIs [s]
ontime3	47638.317811966	Sum of GTIs [s]
ontime6	47641.558822274	Sum of GTIs [s]
ontime7	47644.799822569	Sum of GTIs [s]
l2events	424659	Number of level 2 events

