

# V&V Summary Report

## L2 ASCDS Version : 8.4.5

Observation 642 - L2 Version 5  
Chandra X-Ray Center

L2 Processing Date : Oct 3 2012

See axaff00642N003\_VV001\_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.10.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	43.907

## Comments

This observation was interrupted by safing of the science instruments due to high solar radiation environment. The observation was interrupted at 195:11:29 GMT. Due to a high radiation environment, the instruments were safed and the observation terminated early. This observation was reprocessed so that the aspect solution correctly handles the instrument safing and maneuver activities at the end of the observation.

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High radiation environment is evident during the last approximately 8 ks of this observation in the elevated count rate.

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Charge time for this ObsId remains at previous value of 43.907 ks, although with the current processing the charge time would be 43.779 ks.

seq_num	200067	Sequence number
obs_id	642	Observation id
title	ACIS STUDY OF THE PERSEUS STAR FORMING CLOUD	Proposal title
observer	Prof. Eric Feigelson	Principal investigator
object	NGC 1333	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	52.273333	Observer's specified target RA [deg]
dec_targ	31.321944	Observer's specified target Dec [deg]
ra_nom	52.275046883091	Nominal RA [deg]
dec_nom	31.326645804129	Nominal Dec [deg]
roll_nom	95.716845828309	Nominal Roll [deg]
revision	5	Processing version of data
ontime	43779.159110442	Sum of GTIs [s]
livetime	43224.801037141	Livetime [s]
ontime0	43779.159090534	Sum of GTIs [s]
ontime1	43779.15908052	Sum of GTIs [s]
ontime2	43779.15908052	Sum of GTIs [s]
ontime3	43779.159110442	Sum of GTIs [s]
ontime6	43779.15908052	Sum of GTIs [s]
ontime7	43775.918100372	Sum of GTIs [s]
l2events	599596	Number of level 2 events

