V&V Summary Report
L2 ASCDS Version : 8.5.1.1

Observation 5760 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Feb 15 2013

See axaff05760N005_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2013.02.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	40.57397

Comments

```
This observation was interrupted by safing of the science instruments
onboard Chandra due to high solar radiation environment. The observation
was interrupted at 2005:251:01:57:56. 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.
===========
Radiation environment was increasing during last 10 ksec of the
observation. Also, 11 ksec into the observation, there was a single
radiation event that caused a rather broad spike in the number of events
sent. This time period was excluded from the Good Time Interval and does
not appear in the Level 2 data.
```

seq_num	800473	Sequence number
obs_id	5760	Observation id
title	DARK ENERGY WITH X-RAY CLUSTERS: CHANDRA OBSERVATIONS OF 41 HIGH-REDSHIFT CLUSTERS FROM THE 400 deg^2 ROSAT PSPC SURVEY	Proposal titl
observer	Dr. Alexey Vikhlinin	Principal investigator
object	cl0216-1747	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	34.140417	Observer's specified target RA [deg]
dec_targ	-17.790833	Observer's specified target Dec [deg]
ra_nom	34.150302548545	Nominal RA [deg]
dec_nom	-17.737339589216	Nominal Dec [deg]
roll_nom	82.113778180787	Nominal Roll [deg]
revision	5	Processing version of data
ontime	40542.847203165	Sum of GTIs [s]
livetime	40013.125057246	Livetime [s]
ontime0	40580.416085273	Sum of GTIs [s]
ontime1	40574.17519471	Sum of GTIs [s]
ontime2	40486.267661721	Sum of GTIs [s]
ontime3	40542.847203165	Sum of GTIs [s]
ontime6	40586.656936437	Sum of GTIs [s]
l2events	276566	Number of level 2 events