

# V&V Summary Report

## L2 ASCDS Version : 8.5.1.1

Observation 62825 - L2 Version 5  
Chandra X-Ray Center

L2 Processing Date : Mar 7 2013

See axaff62825N005\_VV001\_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2013.03.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	6.0447999774814

## Comments

As a consequence of the DEA-A shutdown anomaly on Sep 15th (DOY258), the reported value of the ACIS FP temperature was ~1.3 degrees warmer than the actual temperature. The value for FP temperature reported in the headers of the Level 2 event file and the Mission Timeline files are incorrect by this amount for this processing. However, the temperature is corrected in the processing in order to obtain the correct temperature for the CTI correction. So the calibrated data are correct. If using the FP temp values in the headers of data files (some CIAO tools require this information), investigators should subtract 1.3 degrees from the reported temperature to determine the true temperature.

=====

This observation was taken to verify the ACIS recovery from a DEA anomaly. ACIS was in the focal plane and pointing was at the position of XLSSJ022404.0-041328. The chip configuration is different from that requested by the PI, and the ACIS mode is FAINT as opposed to VFaint. The stars file used was that of obs5787.

seq_num	800500	Sequence number
obs_id	62825	Observation id
title	A detailed study of a z>1 galaxy cluster	Proposal title
observer	Dr Laurence Jones	Principal investigator
object	XLSSJ022404.0-041328	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	36.017083	Observer's specified target RA [deg]
dec_targ	-4.224694	Observer's specified target Dec [deg]
ra_nom	36.018760547629	Nominal RA [deg]
dec_nom	-4.2039253807692	Nominal Dec [deg]
roll_nom	90.156755814908	Nominal Roll [deg]
revision	5	Processing version of data
ontime	6044.7999774814	Sum of GTIs [s]
livetime	5968.2570804249	Livetime [s]
ontime0	6044.7999774814	Sum of GTIs [s]
ontime1	6044.7999774814	Sum of GTIs [s]
ontime2	6044.7999774814	Sum of GTIs [s]
ontime3	6044.7999774814	Sum of GTIs [s]
ontime6	6044.7999774814	Sum of GTIs [s]
ontime7	6044.7999774814	Sum of GTIs [s]
l2events	58890	Number of level 2 events

