

# V&V Summary Report

## L2 ASCDS Version : 8.5.1.1

Observation 7181 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Mar 7 2013

See axaff07181N004\_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	16.19439

## 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.

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Roll constraint met.

seq_num	900353	Sequence number
obs_id	7181	Observation id
title	Deep Chandra Imaging of the Extended Groth Strip: The Co-evolution of Black Holes and Galaxies	Proposal title
observer	Prof Kirpal Nandra	Principal investigator
object	EGS-6	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	214.102081	Observer's specified target RA [deg]
dec_targ	52.334053	Observer's specified target Dec [deg]
ra_nom	214.10807203713	Nominal RA [deg]
dec_nom	52.331207552091	Nominal Dec [deg]
roll_nom	345.20394341543	Nominal Roll [deg]
revision	4	Processing version of data
ontime	16194.399968833	Sum of GTIs [s]
livetime	15982.808211096	Livetime [s]
ontime0	16188.117948592	Sum of GTIs [s]
ontime1	16194.399968833	Sum of GTIs [s]
ontime2	16194.399968833	Sum of GTIs [s]
ontime3	16194.399968833	Sum of GTIs [s]
ontime6	16194.399968833	Sum of GTIs [s]
l2events	44532	Number of level 2 events

