

V&V Summary Report

L2 ASCDS Version : 7.6.7.1

Observation 6391 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date: 25 2006

See axaff06391N002_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.03.26
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	8.565299

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. GOs should subtract 1.3 degrees from the reported temperature to determine the true temperature. In addition the FP temperature was not regulating during this period. The FP temperature fluctuated between -121.3 C and -118.8 C during this time. For analysis of line-dominated spectra from the FI CCDs, GOs might notice a systematic gain shift by up to 0.5%, either towards higher/lower energies depending on if the FP temperature was colder/warmer than -119.7 C. Analysis of line-dominated spectra on S3 are mostly unaffected (where mostly unaffected means that the changes are smaller than the current uncertainties in the calibration). Analysis of continuum-dominated spectra on both the FI and BI CCDs are mostly unaffected. Imaging analysis on both the FI and BI CCDs are mostly unaffected.

Roll constraint met.

seq_num	900353
obs_id	6391
title	Deep Chandra Imaging of the Extended Groth Strip: The Co-evolution of Black Holes and Galaxies
observer	Professor Kirpal Nandra
object	EGS-6
dtcycle	0
cycle	P
ra_targ	214.102081
dec_targ	52.334053
ra_nom	214.10440327916
dec_nom	52.329562460616
roll_nom	310.20684696952
revision	2
ontime	8565.2999835312
livetime	8453.3880335643
ontime0	8565.2999835312
ontime1	8565.2999835312
ontime2	8565.2999835312
ontime3	8565.2999835312
ontime6	8565.2999835312
l2events	28425

