

V&V Summary Report

L2 ASCDS Version : 7.6.7.1

Observation 6216 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date: 25 2006

See axaff06216N002_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	50.13315

Comments

Roll constraint met. Focal plane temperature change ~3 deg over the course of the observation.

As a consequence of the DEA-A shutdown anomaly on Sep 15th (DOY258), the 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.

seq_num	900351
obs_id	6216
title	Deep Chandra Imaging of the Extended Groth Strip: The Co-evolution of Black Holes and Galaxies
observer	Professor Kirpal Nandra
object	EGS-4
dtcycle	0
cycle	P
ra_targ	214.849579
dec_targ	52.842415
ra_nom	214.85258518851
dec_nom	52.83815958071
roll_nom	316.2062902532
revision	2
ontime	50133.158943325
livetime	49478.132314236
ontime0	50117.454002529
ontime1	50126.87691322
ontime2	50126.877052695
ontime3	50133.158943325
ontime6	50133.158933342
l2events	122989

