

V&V Summary Report

L2 ASCDS Version : 7.6.7.1

Observation 6219 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date: 25 2006

See axaff06219N002_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	50.13005

Comments

Roll constraint met.

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	900352
obs_id	6219
title	Deep Chandra Imaging of the Extended Groth Strip: The Co-evolution of Black Holes and Galaxies
observer	Professor Kirpal Nandra
object	EGS-5
dtcycle	0
cycle	P
ra_targ	214.584915
dec_targ	52.65052
ra_nom	214.5886447337
dec_nom	52.64647956621
roll_nom	322.29547278228
revision	2
ontime	50130.058933377
livetime	49475.0728082
ontime0	50126.917973101
ontime1	50120.635962844
ontime2	50130.058943361
ontime3	50130.058933377
ontime6	50130.058923334
l2events	128081

