

V&V Summary Report

L2 ASCDS Version : 7.6.7.1

Observation 6214 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date: 26 2006

See [axaff06214N002_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2006.03.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	48.13365

Comments

Roll constraint met. Focal plane temperature declined by more than 3 degrees during the observation. Calibration files may not be valid for the higher temperature range. 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	900350
obs_id	6214
title	Deep Chandra Imaging of the Extended Groth Strip: The Co-evolution of Black Holes and Galaxies
observer	Professor Kirpal Nandra
object	EGS-3
dtcycle	0
cycle	P
ra_targ	215.116653
dec_targ	53.033695
ra_nom	215.12070682652
dec_nom	53.029765637172
roll_nom	324.87170300504
revision	2
ontime	48133.658917308
livetime	47504.757228069
ontime0	48136.799907446
ontime1	48127.376976758
ontime2	48127.376986831
ontime3	48133.658917308
ontime6	48133.658907294
l2events	125334

