

V&V Summary Report

L2 ASCDS Version : 7.6.7.1

Observation 5886 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date: 25 2006

See [axaff05886N002_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	48.18019

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.

seq_num	900386
obs_id	5886
title	X-ray Emission from Optically-Selected, High-Redshift Galaxy Clusters from the RCS Survey
observer	Professor Gordon Garmire
object	RCS1419+5326
dtcycle	0
cycle	P
ra_targ	214.800417
dec_targ	53.436389
ra_nom	214.83171410649
dec_nom	53.414098004595
roll_nom	313.36077312467
revision	2
ontime	48180.199907362
livetime	47550.690125826
ontime3	48180.199907362
ontime5	48180.199907362
ontime6	48177.058927119
ontime7	48180.199907362
ontime8	48180.199907362
l2events	392200

