

V&V Summary Report

L2 ASCDS Version : 7.6.7.1

Observation 7170 - L2 Version 002
Chandra X-Ray Center

L2 Processing Date: 25 2006

See axaff07170N002_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	41.48791

Comments

Roll preference 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	600486
obs_id	7170
title	The Chandra ACIS Survey of M33 (ChASem33): A Deep Survey of the Nearest Face-on Spiral Galaxy
observer	Dr Manami Sasaki
object	M33 Field 5
dtcycle	0
cycle	P
ra_targ	23.36625
dec_targ	30.523694
ra_nom	23.363350572508
dec_nom	30.527586315042
roll_nom	145.71015621501
revision	2
ontime	41487.917954475
livetime	40962.57295631
ontime0	41491.158855021
ontime1	41491.158885121
ontime2	41487.917834878
ontime3	41487.917954475
ontime6	41494.399845421
ontime7	41494.399845421
l2events	234465

