

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 928 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Nov 24 2009

See [axaff00928N001_VV001_vvref2.pdf](#) for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2009.11.27
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	44.166

Comments

Focal plane temperature is warmer than -118.7 C degrees during the entire observation. This temperature is the upper limit of the verified ACIS calibration for the front-illuminated chips. The focal plane temperature is warmer than -116.7 degrees C for the entire observation. This temperature is the upper limit of the verified ACIS calibration for the back-illuminated chips. The ACIS spectral response calibration is less accurate at these warmer temperatures than it is at -119.7 C. Users whose science objectives depend on the most accurate spectral response (ie: fitting line-rich spectra) may notice an effect. Users whose science objectives do not depend on the most accurate spectral response should not notice an effect.

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This reprocessing of the data applies no CTI correction because none is available for that temperature.

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Centroid of x-ray emission offset from requested coordinates by about 30 arcsec.

seq_num	800104	Sequence number
obs_id	928	Observation id
title	X-RAY ABSORPTION FROM COLD GAS IN THE CLUSTER MS2137.3-2353	Propos
observer	Dr. Michael Wise	Principal investigator
object	MS 2137.3-2353	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	325.052917	Observer's specified target RA
dec_targ	-23.6575	Observer's specified target Dec
ra_nom	325.05824369991	Nominal RA
dec_nom	-23.678251248138	Nominal Dec
roll_nom	288.52446225693	Nominal Roll
revision	4	Processing version of data
ontime	44165.269610286	Sum of GTIs [s]
livetime	43606.022373348	Livetime [s]
ontime2	44158.746679775	Sum of GTIs [s]
ontime3	44158.664549924	Sum of GTIs [s]
ontime6	44165.187530287	Sum of GTIs [s]
ontime7	44165.269610286	Sum of GTIs [s]
ontime8	44158.623639561	Sum of GTIs [s]
l2events	413039	Number of level 2 events

