

V&V Summary Report

L2 ASCDS Version : 8.3.3

Observation 536 - L2 Version 3
Chandra X-Ray Center

L2 Processing Date : Nov 18 2010

See axaff00536N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2010.11.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	119.222

Comments

Charge time for this ObsId remains at original value of 119.222 ks, although with the current processing the charge time would have been 118.833 ksec.

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The focal plane temperature is approximately -110 C during this observation. This reprocessing of the data applies no CTI correction because none is available for this temperature at present.

The ACIS CTI correction has not been calibrated at this temperature, because it was early in the mission, and ACIS had not yet been lowered to the standard -119.7 C. Both front and back illuminated chips are affected. However a T_GAIN correction has been applied to the BI chips (ACIS-5 and ACIS-7) data included here.

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.

seq_num	800044	Sequence number
obs_id	536	Observation id
title	DETERMINATION OF H0/Q0	Proposal title
observer	DR. LEON VANSPEYBROECK	Principal investigator
object	MS 1137.5+6625	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	175.097083	Observer's specified target RA
dec_targ	66.145	Observer's specified target Dec
ra_nom	175.20807067238	Nominal RA
dec_nom	66.118413589088	Nominal Dec
roll_nom	12.399763748706	Nominal Roll
revision	3	Processing version of data
ontime	118833.12722828	Sum of GTIs [s]
livetime	117328.3906186	Livetime [s]
ontime0	118852.69610931	Sum of GTIs [s]
ontime1	118849.41398939	Sum of GTIs [s]
ontime2	118797.51799519	Sum of GTIs [s]
ontime3	118833.12722828	Sum of GTIs [s]
ontime6	118972.4484942	Sum of GTIs [s]
ontime7	119377.77454761	Sum of GTIs [s]
l2events	1170173	Number of level 2 events

