

# V&V Summary Report

## L2 ASCDS Version : 8.1.2

Observation 529 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Dec 2 2009

See [axaff00529N001\\_VV001\\_vvref2.pdf](#) for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2009.12.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	14.083

## Comments

Charge time for this ObsId remains at previous value of 14.083 ksec, although with the current processing the charge time would have been 14.175 ksec.

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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 also 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.

seq_num	800037	Sequence number
obs_id	529	Observation id
title	DETERMINATION OF H0/Q0	Proposal title
observer	DR. LEON VANSPEYBROECK	Principal investigator
object	MS 0451.6-0305	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	73.545	Observer's specified target RA
dec_targ	-3.019	Observer's specified target Dec
ra_nom	73.572985235664	Nominal RA
dec_nom	-3.0661518834262	Nominal Dec
roll_nom	302.94921578222	Nominal Roll
revision	4	Processing version of data
ontime	14175.959052987	Sum of GTIs [s]
livetime	13996.454523721	Livetime [s]
ontime0	14179.200013205	Sum of GTIs [s]
ontime1	14175.959023066	Sum of GTIs [s]
ontime2	14179.200013205	Sum of GTIs [s]
ontime3	14175.959052987	Sum of GTIs [s]
ontime6	14175.959052987	Sum of GTIs [s]
l2events	57134	Number of level 2 events

