

# V&V Summary Report

## L2 ASCDS Version : 8.1.1

Observation 876 - L2 Version 4  
Chandra X-Ray Center

L2 Processing Date : Nov 29 2009

See axaff00876N001\_VV001\_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2009.12.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	1.802

## Comments

Charge time for this ObsId remains at previous value of 1.802 ksec, although with the current processing the charge time would have been 1.804 ksec.

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The guide star in slot 5 was removed from the aspect solution due to poor data quality. The aspect solution is not expected to be degraded by removing one fid light or guide star from the solution.

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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	700181	Sequence number
obs_id	876	Observation id
title	SURVEY OF RADIO QUIET $Z > 4$ QUASARS	Proposal title
observer	Dr. Jill Bechtold	Principal investigator
object	PSS 0248+1802	Source name
dtcycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	42.22625	Observer's specified target RA
dec_targ	18.047222	Observer's specified target Dec
ra_nom	42.227110728488	Nominal RA
dec_nom	18.036766374587	Nominal Dec
roll_nom	285.90316485673	Nominal Roll
revision	4	Processing version of data
ontime	1804.0	Sum of GTIs [s]
livetime	1732.8825021133	Livetime [s]
ontime2	1804.0	Sum of GTIs [s]
ontime3	1804.0	Sum of GTIs [s]
ontime6	1804.0	Sum of GTIs [s]
ontime7	1804.0	Sum of GTIs [s]
ontime8	1804.0	Sum of GTIs [s]
l2events	3058	Number of level 2 events

