V&V Summary Report
L2 ASCDS Version : 8.1.2

Observation 319 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Dec 5 2009

See axaff00319N001_VV001_vvref2.pdf for the full report

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2009.12.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	56.659

Comments

```
Charge time for this ObsId remains at previous value of 56.659 ksec,
although with the current processing the charge time would have been
56.755 ksec.
==
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.
==
Roll preference met.
```

seq_num	600079	Sequence number
obs_id	319	Observation id
title	BRIGHT ELLIPTICAL GALAXIES AND HIGH REDSHIFT CLUSTERS	Proposal tit
observer	DR Richard Mushotzky	Principal investigator
object	NGC 1399	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	54.6225	Observer's specified target RA
dec_targ	-35.45011	Observer's specified target Dec
ra_nom	54.644719910719	Nominal RA
dec_nom	-35.483369986028	Nominal Dec
roll_nom	301.54702744638	Nominal Roll
revision	4	Processing version of data
ontime	56755.036251925	Sum of GTIs [s]
livetime	56036.369809123	Livetime [s]
ontime2	56768.000052869	Sum of GTIs [s]
ontime3	56764.759092651	Sum of GTIs [s]
ontime6	56745.31332133	Sum of GTIs [s]
ontime7	56755.036251925	Sum of GTIs [s]
ontime8	56745.313431121	Sum of GTIs [s]
l2events	642916	Number of level 2 events