

V&V Summary Report

L2 ASCDS Version : 8.1.1

Observation 1309 - L2 Version 5
Chandra X-Ray Center

L2 Processing Date : Nov 17 2009

See [axaff01309N001_VV001_vvref2.pdf](#) for the full report

| | |
|----------------------------|----------------|
| V&V Scientist | Craig Anderson |
| V&V Date (YYYY-MM-DD) | 2010.06.22 |
| V&V Edition | 1 |
| V&V Disposition and Status | OK |
| V&V Charge Time | 36 |

Comments

Charge time:

New charge time is less than existing charge time used in previously distributed version

NEW CHARGE TIME = 1.200000 ks, 1 Obis

EXISTING CHARGE TIME = 36.000000 ks, 1 Obis.

This is an engineering run. Ontime satisfies OBSCAT.

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.

| | | |
|----------|---|---|
| seq_num | | Sequence number |
| obs_id | 1309 | Observation id |
| title | ACIS-012367 diagnostics | Proposal title |
| observer | CHANDRA engineering request/realtime commanding | Principal investig |
| object | | Source name |
| dtcycle | 0 | |
| cycle | P | events from which exps? Prim/Second/Both |
| ra_targ | 0.0 | Observer's specified target RA |
| dec_targ | 0.0 | Observer's specified target Dec |
| ra_nom | 119.99392070809 | Nominal RA |
| dec_nom | -66.595051258057 | Nominal Dec |
| roll_nom | 122.89636874318 | Nominal Roll |
| revision | 5 | Processing version of data |
| ontime | 1200.0000011176 | Sum of GTIs [s] |
| livetime | 1184.8048785502 | Livetime [s] |
| ontime0 | 645.79580545425 | Sum of GTIs [s] |
| ontime1 | 640.02354612947 | Sum of GTIs [s] |
| ontime2 | 602.08059532195 | Sum of GTIs [s] |
| ontime3 | 609.3136658594 | Sum of GTIs [s] |
| ontime6 | 688.76153813303 | Sum of GTIs [s] |
| ontime7 | 1200.0000011176 | Sum of GTIs [s] |
| l2events | 407723 | Number of level 2 events |