V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 12386 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 2 2012

See axaff12386N002_VV001_vvref2.pdf for the full report

V&V Scientist	John Houck
V&V Date (YYYY-MM-DD)	2012.02.02
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	35.052310574472

Comments

The data for this observation have been processed using the
'EDSER' sub-pixel event-repositioning algorithm of Li et al.
(2004, ApJ, 610, 1204). Small-scale features should become
sharper for sources near the aim point. The improvement will be
less noticeable for off-axis sources where the size of the
point-spread function is comparable to or larger than the size
of an ACIS pixel. To take full advantage of the improvement,
images should be binned on spatial scales smaller than the size
of an ACIS pixel. Note that, at present, the point-spread
function has not been calibrated for data to which the EDSER
algorithm has been applied. If dither was disabled for the
observation, then the algorithm can introduce artificial
aliasing effects on spatial scales smaller than a pixel. If you
would prefer to use no sub-pixel adjustment or to apply a
coordinate randomization, then use acis_process_events to
reprocess the data with the parameter pix_adj=NONE or
RANDOMIZE, respectively.

seq_num	200720	Sequence number
obs_id	12386	Observation id
title	Rosette: Understanding Star Formation in Molecular Cloud Complexes	&#160
observer	Dr. Junfeng Wang	Principal investigator
object	RMC REFL9	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	98.787917	Observer's specified target RA [deg]
dec_targ	3.700278	Observer's specified target Dec [deg]
ra_nom	98.79483171731	Nominal RA [deg]
dec_nom	3.696069729391	Nominal Dec [deg]
roll_nom	311.30359465437	Nominal Roll [deg]
revision	2	Processing version of data
ontime	35052.310576022	Sum of GTIs [s]
livetime	34608.457113541	Livetime [s]
ontime0	35052.187456012	Sum of GTIs [s]
ontime1	35045.746455312	Sum of GTIs [s]
ontime2	35052.269536018	Sum of GTIs [s]
ontime3	35052.310576022	Sum of GTIs [s]
ontime6	35052.392656028	Sum of GTIs [s]
ontime7	35052.351616025	Sum of GTIs [s]
l2events	218838	Number of level 2 events