V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 12748 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 4 2012

See axaff12748N002_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.08
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	40.008397615314

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	702384	Sequence number
obs_id	12748	Observation id
title	SPTIZER DISCOVERS THE MOST LUMINOUS AGN IN A TRULY BULGELESS DISK GALAXY? THE CHANDRA VIEW OF NGC 4178	Proposal title
observer	Dr. Shobita Satyapal	Principal investigator
object	NGC 4178	Source name
dtycycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	183.193333	Observer's specified target RA [deg]
dec_targ	10.865833	Observer's specified target Dec [deg]
ra_nom	183.1909937325	Nominal RA [deg]
dec_nom	10.870101435855	Nominal Dec [deg]
roll_nom	86.468907778552	Nominal Roll [deg]
revision	2	Processing version of data
ontime	40008.397615314	Sum of GTIs [s]
livetime	36285.504820709	Livetime [s]
ontime7	40008.397615314	Sum of GTIs [s]
l2events	22974	Number of level 2 events