V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 13241 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 6 2012

See axaff13241N002_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.09
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	80.007900615335

Comments

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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.
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seq_num	600960	Sequence number
obs_id	13241	Observation id
title	REMNANTS, BINARIES, AND DIFFUSE EMISSION IN THE NEARBY GRAND DESIGN SPIRAL M83	Proposal title
observer	Dr. Knox Long	Principal investigator
object	M83	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	204.253333	Observer's specified target RA [deg]
dec_targ	-29.866278	Observer's specified target Dec [deg]
ra_nom	204.2834528739	Nominal RA [deg]
dec_nom	-29.839311164301	Nominal Dec [deg]
roll_nom	42.171618006115	Nominal Roll [deg]
revision	2	Processing version of data
ontime	80007.900615335	Sum of GTIs [s]
livetime	78962.538492836	Livetime [s]
ontime5	80007.900615335	Sum of GTIs [s]
ontime6	79998.477554262	Sum of GTIs [s]
ontime7	80007.900615335	Sum of GTIs [s]
ontime8	79992.195503294	Sum of GTIs [s]
l2events	795472	Number of level 2 events