V&V Summary Report
L2 ASCDS Version : 8.4.3

Observation 13253 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : Feb 8 2012

See axaff13253N002_VV001_vvref2.pdf for the full report

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.02.10
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	119.53450536215

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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Joint proposal with NRAO. This obsid was added to the series of
observations for this obsid because obsid 12953 had to be shortened to
allow an unrelated TOO to be scheduled.
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seq_num	600922		Sequence number
obs_id	13253		Observation id
title	Understanding AGN Feedback with Deep Observations of NGC 5813		Prop
observer	Dr. Scott Randall		Principal investigator
object	NGC5813		Source name
dtycycle	0		&#160
cycle	P		events from which exps? Prim/Second/Both
ra_targ	225.286321		Observer's specified target RA [deg]
dec_targ	1.741986		Observer's specified target Dec [deg]
ra_nom	225.28296540976		Nominal RA [deg]
dec_nom	1.7454841312977		Nominal Dec [deg]
roll_nom	102.15673039407		Nominal Roll [deg]
revision	2		Processing version of data
ontime	119534.50536126		Sum of GTIs [s]
livetime	118020.88747934		Livetime [s]
ontime0	119531.30536091		Sum of GTIs [s]
ontime2	119531.10015094		Sum of GTIs [s]
ontime3	119514.93595946		Sum of GTIs [s]
ontime5	119534.46432126		Sum of GTIs [s]
ontime6	119527.94118071		Sum of GTIs [s]
ontime7	119534.50536126		Sum of GTIs [s]
l2events	1431539		Number of level 2 events