V&V Summary Report
L2 ASCDS Version : 8.4.5

Observation 2080 - L2 Version 4
Chandra X-Ray Center

L2 Processing Date : Oct 5 2012

See axaff02080N003_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2012.10.05
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	74.539

Comments

```
Charge time for this ObsId remains at previous value of 74.539 ks,
although with the current processing the charge time would be 74.26 ks.
===
This observation was interrupted by safing of the science instruments
onboard Chandra due to high solar radiation environment. The observation
was interrupted at day=101,1451 GMT. Due to a high radiation
environment, the instruments were safed and the observation terminated
early. This observation has been reprocessed so that the aspect solution
correctly handles the instrument safing and maneuver activites at the
end of the observation.
===
Chip ACIS-S4 suffers from an unusually large amplitude of streaks of
instrumental origin. The user may want to run the CIAO tool 'destreak'
on the Level 2 event data. When using destreak, note that setting 'max'
to 1, especially for gratings data, may remove a large fraction of the
data. Users should check the output 'timefile' to see what percent of
the data was removed. See the CIAO help file for more details.
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seq_num	700270	Sequence number
obs_id	2080	Observation id
title	GAS DYNAMICS AROUND THE BLACK HOLE IN NGC 3516	Proposal title
observer	Dr Tracey Turner	Principal investigator
object	NGC 3516	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	166.6975	Observer's specified target RA [deg]
dec_targ	72.568611	Observer's specified target Dec [deg]
ra_nom	166.69818413495	Nominal RA [deg]
dec_nom	72.570790048375	Nominal Dec [deg]
roll_nom	213.00597630889	Nominal Roll [deg]
revision	4	Processing version of data
ontime	74260.0	Sum of GTIs [s]
livetime	73060.636589742	Livetime [s]
ontime4	74257.459009856	Sum of GTIs [s]
ontime5	74260.0	Sum of GTIs [s]
ontime6	74260.0	Sum of GTIs [s]
ontime7	74260.0	Sum of GTIs [s]
ontime8	74254.918009758	Sum of GTIs [s]
ontime9	74257.459009856	Sum of GTIs [s]
l2events	985634	Number of level 2 events