V&V Summary Report
L2 ASCDS Version : 8.4.5

Observation 433 - L2 Version 8
Chandra X-Ray Center

L2 Processing Date : May 31 2013

See axaff00433N004_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2013.06.03
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	128.227

Comments

WARNING: This is a multi-obi gratings processing. Three separate
observations have been combined in the Level 2 event file. The
extracted spectrum has also been combined. It is highly recommended
that the investigator start the analysis with Level 1 data and treat
each separate obi as if it were a separate observation. The spectra
should be extracted separately and only combined after appropriate arf
and rmf files have been derived for each observation. It is not clear
that the combined Level 2 spectral grating data in this processing can
be correctly calibrated.
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Charge time for this ObsId remains at previous value of 128.227 ks,
although with the current processing the charge time would have been
133.068 ks.
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The first attempt to observe obsid 433 (obi=1)occurred during a
significant loss of telemetry, so this obi has several data gaps. The
second and third attempts were each interrupted with a spacecraft safing
for high radiation. Obi=2 had no data, but obi=3 had some useful data,
which are included in this processing. Obi=3 has been reprocessed so
that the aspect solution correctly handles the instrument safing and
maneuver activites at the end of the observation. Obi=4 executed without

problems.

seq_num	700105	Sequence number
obs_id	433	Observation id
title	HETG OBSERVATIONS OF VARIOUS ACTIVE GALACTIC NUCLEI	Proposal title
observer	Canizares Fabian	Principal investigator
object	MCG -6-30-15	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	203.97375	Observer's specified target RA [deg]
dec_targ	-34.295833	Observer's specified target Dec [deg]
ra_nom	203.98582032648	Nominal RA [deg]
dec_nom	-34.294325874014	Nominal Dec [deg]
roll_nom	19.149038884454	Nominal Roll [deg]
revision	8	Processing version of data
ontime	133067.65978754	Sum of GTIs [s]
livetime	131382.67695558	Livetime [s]
ontime4	133077.46186262	Sum of GTIs [s]
ontime5	133067.5777674	Sum of GTIs [s]
ontime6	133067.49602629	Sum of GTIs [s]
ontime7	133067.65978754	Sum of GTIs [s]
ontime8	133057.69101569	Sum of GTIs [s]
ontime9	133070.57238793	Sum of GTIs [s]
l2events	1560160	Number of level 2 events