V&V Summary Report
L2 ASCDS Version : 10.3.3

Observation 17576 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jan 28 2015

See axaff17576N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2015.01.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	44.03

Comments

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Zeroth order piled up. The zeroth order sky position was determined
using a software tool developed by CXC called findzero, which is
available in CIAO as part of the tgdetect2 tool. The tool calculates the
point of intersection of the readout streak on the ACIS CCD and the meg
dispersed spectral arm, rather than using a centroid position of the
source. The findzero results are more accurate than source centroid in
this case.
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Asymmetric source, extended in approximate cross-dispersion direction.
The spectral data supplied in this processing are only energy-calibrated
for the central bright X-ray region.
WARNING: there are no standard ciao tools for analysis of grating
spectra from extended sources. The shape of an emission 'line' will be
the shape of the zero order spatial structure convolved with the
instrumental LSF. Grating extractions can be used, but need to be
combined with custom spatial-spectral analysis, since wavelength is
multi-valued at any particular diffraction angle.
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seq_num	703009	Sequence number
obs_id	17576	Observation id
title	Unifying X-ray winds in radio galaxies with Chandra HETG	Proposal
observer	Dr. Francesco Tombesi	Principal investigator
object	3C 120	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	68.29625	Observer's specified target RA [deg]
dec_targ	5.354333	Observer's specified target Dec [deg]
ra_nom	68.300045460507	Nominal RA [deg]
dec_nom	5.3511436909016	Nominal Dec [deg]
roll_nom	288.23301834023	Nominal Roll [deg]
revision	1	Processing version of data
ontime	44030.0	Sum of GTIs [s]
livetime	43318.877310078	Livetime [s]
ontime4	44030.0	Sum of GTIs [s]
ontime5	44030.0	Sum of GTIs [s]
ontime6	44030.0	Sum of GTIs [s]
ontime7	44030.0	Sum of GTIs [s]
ontime8	44030.0	Sum of GTIs [s]
ontime9	44027.458949685	Sum of GTIs [s]
l2events	364955	Number of level 2 events