V&V Summary Report
L2 ASCDS Version : 10.3.3

Observation 17657 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : May 18 2015

See axaff17657N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2015.05.19
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	50.409303147912

Comments

For ACIS-S with LETG (with or without CC mode): Gain and CTI correction
are not well calibrated on CCD_ID 5 (ACIS-S1). Default order sorting can
clip some regions, particularly longward of 30A (first order).
User-specified custom processing parameters may be required in
tg_resolve_events (osipfile=none, osort_lo, osort_hi ~0.5) though this
can allow more zeroth order background at short wavelengths. ==== Roll
constraint met. ===== Zeroth order is extended. 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, as
well as in standard data processing. The tool calculates the point of
intersection of the readout streak on the ACIS CCD and the leg dispersed
spectral arm, rather than using a centroid position of the source. The
findzero results are more accurate than source centroid in this case.

seq_num	703136	Sequence number
obs_id	17657	Observation id
title	Diffuse Extended Emission in Centaurus A: The best case with which to study AGN/Host Galaxy Interaction	Proposal title
observer	Dr. Alex Markowitz	Principal investigator
object	Centaurus A	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	201.365	Observer's specified target RA [deg]
dec_targ	-43.019167	Observer's specified target Dec [deg]
ra_nom	201.34062879663	Nominal RA [deg]
dec_nom	-42.98417099747	Nominal Dec [deg]
roll_nom	302.14000519777	Nominal Roll [deg]
revision	1	Processing version of data
ontime	50409.303147912	Sum of GTIs [s]
livetime	49148.64051861	Livetime [s]
ontime5	50409.344187975	Sum of GTIs [s]
ontime6	50409.303147912	Sum of GTIs [s]
ontime7	50409.385227919	Sum of GTIs [s]
ontime8	50409.262107968	Sum of GTIs [s]
l2events	266010	Number of level 2 events