V&V Summary Report
L2 ASCDS Version : 10.4

Observation 17392 - L2 Version 1
Chandra X-Ray Center

L2 Processing Date : Jul 2 2015

See axaff17392N001_VV001_vvref2.pdf for the full report

V&V Scientist	Joy Nichols
V&V Date (YYYY-MM-DD)	2015.07.06
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	14.0625

Comments

```
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.
```

seq_num	790283	Sequence number
obs_id	17392	Observation id
title	AO-16 Calibration Observations of Mkn421	Proposal title
observer	Dr. CXC Calibration	Principal investigator
object	MKN421	Source name
dtycycle	0	&#160
cycle	P	events from which exps? Prim/Second/Both
ra_targ	166.113333	Observer's specified target RA [deg]
dec_targ	38.208806	Observer's specified target Dec [deg]
ra_nom	166.11726312152	Nominal RA [deg]
dec_nom	38.204280337025	Nominal Dec [deg]
roll_nom	265.32928528482	Nominal Roll [deg]
revision	1	Processing version of data
ontime	14062.5	Sum of GTIs [s]
livetime	13835.37842773	Livetime [s]
ontime4	14062.5	Sum of GTIs [s]
ontime5	14062.5	Sum of GTIs [s]
ontime6	14062.5	Sum of GTIs [s]
ontime7	14062.5	Sum of GTIs [s]
ontime8	14062.5	Sum of GTIs [s]
ontime9	14062.5	Sum of GTIs [s]
l2events	323262	Number of level 2 events